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ORDER FOR SUPPLIES OR SERVICES SCHEDULE - CONTINUATION

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

PAGE NO

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DATE OF ORDER CONTRACT NO. ORDER NO. 0033 EP-W-10-056 04/13/2011 ITEM NO. SUPPLIES/SERVICES QUANTITY UNIT UNIT AMOUNT QUANTITY ORDERED PRICE ACCEPTED (g) (c) (e) (a) accordance with the attached SOW and their proposal dated March 28, 2011. TOPO: Rita Chow Max Expire Date: 08/31/2012 Admin Office: SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460 Period of Performance: 04/13/2011 to 08/31/2012 259,981.00 0001 Task order Ceiling Amount Incremental funding in the amount of \$139,239.01 is hereby allocated to this task order. The incremental funding is subject to the Limitation of Funds clause 52.232-22. The task order ceiling amount of \$259,981 is a not to exceed amount that the contractor exceeds at their own risk. Award Type: Time-and-materials Accounting Info: 11-12-B-31M-301DA1C-2585-1131MRP012-00 1 BFY: 11 EFY: 12 Fund: B Budget Org: 31M Program (PRC): 301DA1C Budget (BOC): 2585 DCN - Line ID: 1131MRP012-001 Funding Flag: Complete Funded: \$100,000.00 Accounting Info: 10-11-B-31M-301DA1C-2585-1031MRP515-00 1 BFY: 10 EFY: 11 Fund: B Budget Org: 31M Program (PRC): 301DA1C Budget (BOC): 2585 DCN - Line ID: 1031MRP515-001 Funding Flag: Complete Funded: \$0.00 Continued ... \$259,981,00 TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

ORDER FOR SUPPLIES OR SERVICES SCHEDULE - CONTINUATION

PAGE NO

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER | CONTRACT NO. | 04/13/2011 | EP-W-10-056

ORDER NO. 0033

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Task Order Statement of Work Safe and Sustainable Recycling of Industrial Materials Technical & Program Support

BACKGROUND

Since 2005, EPA's Industrial Materials Recycling (IMR) Program has collaborated with States, other federal agencies, academia, and industry to cooperatively foster the recycling of industrial materials in beneficial use applications. Industrial materials are the byproducts of industrial processes, such as coal combustion, metal casting, construction, or paper production. Materials include coal combustion residues (fly ash, boiler slag, flue gas desulfurization material, and bottom ash); iron and steel slags; used tires; foundry sands; pulp and paper residuals; and construction and demolition materials (wood, roofing shingles, concrete, cardboard, asphalt, etc.). These materials can be recycled in construction applications such as buildings, roads, or bridges because they have engineering, chemical and physical properties similar to those of the virgin materials they replace, making them valuable resources as manufacturing feedstock or construction products.

Historically, the IMR program focused on the development and sharing of outreach materials to educate and increase awareness of recycling industrial materials to regulators, material generators, and potential end users. While the Agency still maintains support of safe beneficial use practices, a number of events in 2009 and 2010 have led the EPA to shift the focus of its IMR Program from promotional outreach to developing and implementing protocols to assess and ensure the safety of beneficial use practices:

- Disposal of Coal Combustion Residues (CCR) Proposed Regulation. On June 4, 2010, EPA issued for public comment a proposal to regulate the disposal of coal combustion residues in part, as a result of the Kingston, TN, TVA impoundment failure. Although the preamble states that EPA continues to support beneficial uses of CCRs and is not proposing to regulate beneficial uses or remove the Bevill exemption for beneficial uses, it also provided extensive discussion of beneficial use practices and noted "...EPA believes that encapsulated uses of CCR, as is common in many consumer products, does not merit regulation. On the other hand, unencapsulated uses have raised concerns and merit closer attention." (75 FR 35160).
- EPA Inspector General Report on C2P2 Program. EPA's Inspector General began to review EPA's Coal Combustion Products Partnership (C2P2) Program. EPA had established and nurtured this partnership over a number of years as part of its IMR information development and sharing effort to foster increased diversion from disposal to recycling. In a regulatory context, the Inspector General found the C2P2 website contained incomplete risk information on the beneficial use of CCRs and also contained material that gave the appearance that EPA endorses commercial products. EPA suspended its involvement in the Partnership to enhance the risk information and interact more equitably with all stakeholders, rather than in a partnership relationship.
- Safe and Sustainable Materials Management. EPA is shifting to a more holistic approach to protection of health and the environment. Rather than focusing on singular

impacts (e.g., climate change) and materials, EPA is moving to consideration of an array of multiple impacts throughout the entire life cycles of systems involving the use of materials. Health and environmental risks are associated with any material use, whether virgin or recycled, and EPA needs to ensure that beneficial use of industrial materials is occurring in a manner that does not cause undue risks. The broader, life-cycle approach to examining an array of multiple impacts requires further examination of potential risks.

PURPOSE AND OBJECTIVES

The purpose of this Task Order is to provide RCSD staff with technical assistance and general program support in the development of technical information and reports for posting on the EPA web site to provide information and procedures that ensure the safety of beneficial use practices. The information and reports also will be used to support the different sections of a "Beneficial Use Determination Process" flow chart (see attached flow chart) currently under development by EPA. The purpose of the flow chart is to illustrate the structure of the overall decision making process associated with ensuring that beneficial uses are safe. The information and procedures to be produced via this Task Order should cover each stage of the flow chart. In addition to safety information, the work under this Task Order will provide information on the sustainability aspects of beneficial uses as well as key engineering practices (associated with environmental safety) that should be utilized in beneficial use.

SCOPE OF WORK

The Contractor shall possess in-depth knowledge of the recycling and beneficial use of industrial materials, and also have expertise in developing and maintaining websites and communication and outreach materials. The Contractor also shall possess the ability to effectively interpret, evaluate, and communicate environmental risk, risk management and safety information to "non-scientists."

The work to be completed and the schedule of deliverables are included in the tasks detailed below. Tasks 1 and 2 will commence at award of the task order. The other tasks will begin at the direction of the TOCOR.

TASK 1: BENEFICIAL USE SAFETY INFORMATION REPORTS (Tasks 1 and 8 of Contract-level SOW)

Under this task, the Contractor shall conduct literature searches (and other information gathering activities, e.g., contacting ASTSWMO and the Industrial Resources Council) to develop seven (7) reports compiling the available safety information, reflective of the flow chart, for various beneficial use applications of the following industrial materials: (1) coal combustion residues (fly ash, boiler slag, flue gas desulfurization material, and bottom ash), (2) construction and demolition materials (wood, roofing shingles, concrete, cardboard, asphalt, etc.), (3) scrap tires, (4) foundry sands, (5) iron and steel slags, and (6) pulp and paper residuals. Individual reports, such as the report on coal combustion residues, could contain individualized chapters on the different types of coal combustion residuals. The contractor shall focus their initial work on fly ash used in concrete. Secondly, the contractor would then focus on the remaining types of industrial

materials. The contractor will be provided with further direction from EPA as to the priority of the remaining industrial materials.

The information contained in these reports will be used to support the "Beneficial Use Determination Process" flow chart currently under development by EPA. To this end, each report will include (but not be limited to) the following items, based on an assessment of existing literature and other reports. Note that the contents of each report will be finalized through subsequent discussions with EPA.

- 1. Use Constituting Disposal. An overview should be provided on how the industrial material is used (e.g., structural fill, cement, concrete, fuel, etc.) and whether there is placement on the land. This is important because EPA's responsibilities deal with materials that are used in a manner that constitute disposal for example, we will not deal with cenospheres used in cosmetics or FGD gypsum in beer (such uses should be identified, but oversight responsibility should quickly be associated with federal agencies other than EPA). Those uses that do not involve placement on the land will not be included in the subsequent steps identified below.
- 2. Comparison to Virgin Material it Replaces. A characterization should be provided of the industrial material (its chemical and physical properties, constituents of concern in the materials, and their total and leach concentration levels). A summary table should be provided listing uses that involve placement on the land and a brief description of the uses (e.g. structural fill, cement, concrete, etc.) along with the identification of the material being replaced). To the extent possible, each report should provide environmental and chemical information on the virgin material the industrial material is replacing. This comparison should compare both total and leach concentrations of the constituents in the virgin material with the concentrations of constituents in the industrial material.
- 3. National Safety Decisions. For each material and/or use discussed, indicate whether EPA or other federal agencies have conducted assessments of the material, whether any concerns have been raised about particular uses. For example, in the area of construction and demolition, EPA has taken positions regarding lead base painted materials as well as materials potentially containing asbestos, such as shingles. USGS conducted a study of radioactivity in fly ash. EPA has identified concerns with certain foundry sands (i.e., lead in sand from brass foundries and nickel in olivine sands). Under this statement of work the contractor will support the development of a national safety decision for fly ash used in concrete. This will involve analysis of literature articles, most of which will be provided by EPA, and will incorporate assessment of criteria from other countries on fly ash concrete in contact with drinking water. The contractor will follow-up on a prior EPA funded literature search, and provide individual analysis for each of approximately 40 articles.
- 4. State Decisions. Each report should address the following types of information:
 - a. Which states have a beneficial use program; is the material/use covered by the program or is there a program gap; is there criteria or restrictions; is approval based on state experience or risk criteria, if risk criteria, which one. A useful

- source would be the *State Beneficial Use Program Locator* at http://www.envcap.org/statetools/brsl/index.cfm .
- b. Utilizing the NEWMOA BUD database summarize the number of approved BU decisions by material and application.
- c. The contractor shall provide detailed examples of no more than 2 site-specific case studies approved by a State BU program.
- d. Tools and information provided by EPA and other federal agencies for assessing risks will be identified.
- e. Additional non-Federal tools and literature articles to support risk evaluation (e.g. WISCLeach) will be identified, assessed and summarized. EPA's Risk Compendium should be included as a primary source of information.
- f. Additional information regarding any resulting beneficial use damage cases should be summarized.
- g. Include additional information from Task 2 below, compiling information and supporting documents on how the European Union (EU) and other countries address ensuring the safety of reusing materials/uses, including collecting copies of their supporting documents.
- 5. Industry Decisions. Each Report should acknowledge that there are circumstances where there is no National or State Decision, or a situation where there may be special conditions, where the industry will assess risks prior to proceeding. The tools and information available to the States as identified in item #4 are also available for industry to conduct their assessment. This section should highlight where there are no state programs or where the state program has a gap for a particular material/use. The contractor shall provide detailed examples of 2 site-specific case studies undertaken by industry.
- 6. **Special Focus on End-of Life:** Report should draw attention to any studies assessing the human and environmental impacts of using industrial materials at the end-of-life of the product. For example, when a road or bridge built with concrete containing fly ash reaches the end of its service life, what happens to that concrete and are there environmental studies on crushed concrete containing fly ash? Another example is FGD gypsum that is used in wallboard, and any disposal issues.

The TOCOR will provide the Contractor with updated versions of EPA's draft "Beneficial Use Determination Process" flow chart as they are developed. The TOCOR also will provide the Contractor with information in each of these topics areas to support the literature search effort. For coal combustion residues, literature searches were begun under the previous contract EP-W-07-003. The TOCOR will provide the results of these initial searches to the Contractor. After review and final approval of each report by the TOCOR, the Contractor shall finalize each report and provide 508-compliant electronic versions for posting on the web.

DELIVERABLES	<u>DUE DATE</u>
An Initial Meeting between the TOCOR and the Contractor to discuss the timeline and strategy for completing the Task and prioritizing materials.	Within one (1) week after approval of the TO.
Draft Quality Assurance Project Plan	Within one (1) week after Initial Meeting with TOCOR.
Final Quality Assurance Project Plan	Based on Technical Directives (TD) issued by TOCOR.
Draft briefing on scope, approach, and outputs for TOCOR's use in briefing management.	Within one (1) week after Initial Meeting with TOCOR.
Initial Outline of Report for First Material (Coal Ash used in concrete)	Within one (1) week after receiving TOCOR comments.
Final Outline Report for First Material (Coal Ash used in concrete)	Within one (1) week after receiving final TOCOR comments.
Draft Report for First Material (Coal Ash used in concrete)	Based on Technical Directives (TD) issued by TOCOR
Final Report for First Material (Coal Ash used in concrete)	Based on Technical Directives (TD) issued by TOCOR
Initial Outline of Report for Second Material (Remaining coal combustion residuals)	Within one (1) week after receiving final TOCOR comments.
Final Outline Report for Second Material (Remaining coal combustion residuals)	Within one (1) week after receiving TOCOR comments
Draft Report for Second Material (Remaining coal combustion residuals)	Based on Technical Directives (TD) issued by TOCOR
Final Report for Second Material (Remaining coal combustion residuals)	Based on Technical Directives (TD) issued by TOCOR
Initial Outline of Report for Third Material	Within one (1) week after receiving final TOCOR comments.
Final Outline Report for Third Material	Within one (1) week after receiving TOCOR comments
Draft Report for Third Material	Based on Technical Directives (TD) issued by TOCOR
Final Report for Third Material	Based on Technical Directives (TD) issued by TOCOR
Initial Outline of Report for Fourth Material	Within one (1) week after receiving final TOCOR comments.
Final Outline Report for Fourth Material	Within one (1) week after receiving TOCOR comments
Draft Report for Fourth Material	Based on Technical Directives (TD) issued by TOCOR
Final Report for Fourth Material	Based on Technical Directives (TD) issued by TOCOR

DELIVERABLES	<u>DUE DATE</u>
Initial Outline of Report for Fifth Material	Within one (1) week after receiving final TOCOR comments.
Final Outline Report for Fifth Material	Within one (1) week after receiving TOCOR comments
Draft Report for Fifth Material	Based on Technical Directives (TD) issued by TOCOR
Final Report for Fifth Material	Based on Technical Directives (TD) issued by TOCOR
Initial Outline of Report for Sixth Material	Within one (1) week after receiving final TOCOR comments.
Final Outline Report for Sixth Material	Within one (1) week after receiving TOCOR comments
Draft Report for Sixth Material	Based on Technical Directives (TD) issued by TOCOR
Final Report for Sixth Material	Based on Technical Directives (TD) issued by TOCOR
Initial Outline of Report for Seventh Material	Within one (1) week after receiving final TOCOR comments.
Final Outline Report for Seventh Material	Within one (1) week after receiving TOCOR comments
Draft Report for Seventh Material	Based on Technical Directives (TD) issued by TOCOR
Final Report for Seventh Material	Based on Technical Directives (TD) issued by TOCOR

TASK 2: REVIEW of OTHER COUNTRIES' BENEFICIAL USE PROGRAMS (Tasks 1 and 8 of Contract-level SOW)

Many other countries, such as Canada and those in the European Union (e.g. the United Kingdom) have programs and directives in place that govern the safe beneficial use of industrial materials. Under this task, the Contractor will work with the TOCOR to conduct a literature review of the supporting background documents specific countries have developed to demonstrate that certain beneficial uses are environmentally safe. The review should include an overview of the program and directives; findings from the country's risk analyses determining the environmental safety of certain beneficial use practices (which uses are considered the greatest risk); risk management restrictions and requirements imposed by the country on specific beneficial uses; their economic analysis, and how these countries address end-of-life considerations. For example, the following information should be included for the United Kingdom and similar information should be included for other countries: requirements for concrete products used in contact with drinking water (http://www.dwi.gov.uk/drinking-water-products/advice-and-approval/protocol3.pdf), radioactivity study on fly ash (http://www.ukqaa.org.uk/Papers/AshTechA14ARadiologicalStudyOfPFAGoodingEtAl.pdf); and the UK criteria being developed in their Quality Protocols addressing bound (encapsulated),

grout, and unbound and fill (unecapsulated) applications. The contractor shall obtain copies of all the relevant supporting documents and identify and explain how such procedures could be applied in the U.S. to ensure safe uses. Copies of these supporting documents should be collected and the relevant ones should be included in the "State Decisions" section of the flow chart from Task 1 above. A review of the European Union regulations for coal combustion residues was begun under the previous contract EP-W-07-003. The TOCOR will provide the results of these initial reviews to the Contractor. After review and final approval of each report by the TOCOR, the Contractor shall finalize each report and provide 508-compliant electronic versions for posting on the web.

<u>DELIVERABLES</u>	<u>DUE DATE</u>
Meeting with TOCOR to Discuss Reviews	TBD
Draft Preliminary Review Report	Based on TD issued by TOCOR
Draft briefing on approach and findings of the Preliminary Report for TOCOR's use in briefing management	Simultaneous with the Draft Preliminary Review Report
Final Review Report	Within 2 weeks of receiving final comments from TOCOR
Draft briefing on Final Report for TOCOR's us in briefing management	Simultaneous with the Final Review Report

TASK 3: INDUSTRIAL MATERIALS RECYCLING WEBSITE UPDATE (Task 4 of Contract-level SOW)

EPA has developed an Industrial Materials Recycling (IMR) website (http://www.epa.gov/industrialmaterials) to provide information on the beneficial use and recycling of industrial materials. Under this Task, the Contractor shall review and update the contents of the IMR website to be consistent with and address safety concerns regarding beneficial use that have arisen from EPA's proposed rulemaking on the disposal of coal combustion residues and the Inspector General's review of the Coal Combustion Products Partnership. The revisions include adding information from the assessment report findings in Task 1. For example, the concentration levels of contaminants that are present in the recycled materials, and, if possible, a comparison between those contaminants and the contaminants found in the virgin material the recycled material is replacing. This task may involve the development of the following seven (7) new web pages addressing risk/safety concerns: (1) a general risk/safety web page for industrial materials and (2) specific risk/safety web pages for each of the six (6) industrial materials identified in Task 1 above. These risk web pages should include reference links to significant and recent publications and related resources identified from the literature search in Task 1 above.

The Contractor shall submit revised Web site content and new risk/safety web pages both in electronic MS Word format and a Website-site ready format to the TOCOR. Following final

approval of the Web site content, the Contractor shall submit the content to the TOCOR in an electronic format specified by the TOCOR. The TOCOR will be responsible for coordinating the implementation of the website revisions with ORCR's Program Management, Communications, and Analysis Office (PMCAO).

<u>DELIVERABLES</u>	<u>DUE DATE</u>
Meeting with TOCOR to discuss revisions needed to the IMR Website	TBD
Draft revised IMR Web Page Content and Layout; and draft New Safety Web Pages	Based on TD issued by TOCOR
Final revised IMR Web Page Content and Layout; and Final New Safety Web Pages	Within 2 weeks of receiving final comments from TOCOR.

TASK 4: SCRAP TIRES WEBSITE UPDATE (Task 4 of Contract-level SOW)

EPA's Scrap Tire website provides the public with information and technical resources on the recycling of scrap tires. Under this task, the Contractor shall (1) update statistical data on the scrap Tire Website; (2) consolidate, eliminate duplicative content, and rewrite sections as needed on the Scrap Tire Website, including taking the Rubberized Asphalt information from the current Ground Rubber page, http://www.epa.gov/osw/conserve/materials/tires/ground.htm, and developing a new technical web page for Rubberized Asphalt and (3) develop new web pages for the Resource Conservation Challenge (RCC) Scrap Tire Workgroup section of the main Scrap Tire website including the following five sections: Goals, Ground Rubber, Civil Engineering, Rubberized Asphalt, and Tire-Derived Fuel. The new web pages will focus on the Workgroup's efforts in these five (5) areas. The new web pages for the RCC Scrap Tire Workgroup section will be about the same length as the existing page at http://www.epa.gov/osw/conserve/materials/tires/workgroup.htm.

See RCC Scrap Tire Web Pages:

http://www.epa.gov/osw/conserve/materials/tires/

http://www.epa.gov/osw/conserve/materials/tires/basic.htm

http://www.epa.gov/osw/conserve/materials/tires/basic.htm#markets

http://www.epa.gov/osw/conserve/materials/tires/tdf.htm

http://www.epa.gov/osw/conserve/materials/tires/civil_eng.htm

http://www.epa.gov/osw/conserve/materials/tires/ground.htm

http://www.epa.gov/osw/conserve/materials/tires/laws.htm

http://www.epa.gov/osw/conserve/materials/tires/live.htm

http://www.epa.gov/osw/conserve/materials/tires/science.htm

http://www.epa.gov/osw/conserve/materials/tires/faq.htm

http://www.epa.gov/osw/conserve/materials/tires/publications.htm

http://www.epa.gov/osw/conserve/materials/tires/rel links.htm

http://www.epa.gov/osw/conserve/materials/tires/workgroup.htm

The TOCOR will provide the Contractor with information and corrections to update and develop the new web pages. The contractor will revise the web site using new statistical data from the new Rubber Manufacturers Association 2011 Scrap Tire Markets Report. It is anticipated that the 2011 Markets report will be posted on the RMA website in Spring 2011.

The Contractor shall submit revised RCC Scrap Tire Web site content and new RCC Scrap Tire Workgroup web pages both in electronic MS Word format and a Website-site ready format to the TOCOR. A track changes version of the proposed revisions will be included with the clean copy of the first draft revisions. Following final approval of the Web site content, the Contractor shall submit the content to the TOCOR in an electronic format specified by the TOCOR. The TOCOR will be responsible for coordinating the implementation of the website revisions with ORCR's Program Management, Communications, and Analysis Office (PMCAO).

<u>DELIVERABLES</u>	<u>DUE DATE</u>
Meeting with TOCOR to discuss revisions needed to the RCC Scrap Tire Website	TBD
Draft revised RCC Scrap Tire Web Pages Content (track changes format and clean copy)	Based on TD issued by TOCOR
Draft New RCC Scrap Tire Workgroup Web Pages	Within 2 weeks of receiving final comments from TOCOR.
Final revised RCC Scrap Tire Web Pages Content and Final New Web Pages	Within 2 weeks of receiving final comments from TOCOR.

TASK 5: GENERAL IMR PROGRAM SUPPORT (Tasks 1 and 4 of Contract-level SOW)

Under this task, the Contractor shall provide additional program support to update existing outreach materials with safety information and to support outreach to key stakeholders (other federal agencies, state environmental and transportation agencies, industry trade associations, citizen interest groups, etc.). The IMR program distributed and published technical and educational materials which may require revisions within the period of performance of this Task Order. The Contractor may be required to perform updates or create addendums to numerous existing brochures to be consistent and address concerns with beneficial use that have arisen from EPA's proposed rulemaking on the disposal of coal combustion residuals. The potential revisions to these publications are discussed below. These updates typically require at least two rounds of review and comment by EPA personnel. The resources and work expected on each is listed below:

- Using Recycled Industrial Materials in Buildings, http://www.epa.gov/epawaste/conserve/rrr/imr/pdfs/recy-bldg.pdf, (may need minor text and graphic revisions)
- Using Recycled Industrial Materials in Roadways, http://www.epa.gov/epawaste/conserve/rrr/imr/pdfs/roadways.pdf, (may need minor text and graphic revisions)
- Construction Initiative tri-fold brochure, http://www.epa.gov/epawaste/conserve/rrr/imr/pdfs/ci-fs.pdf, (may need text revisions)
- Industrial Materials Recycling; Managing Resources for Tomorrow, http://www.epa.gov/epawaste/rcc/resources/ind-mat.htm, (may need minor text and graphic revisions)
- Building for the Future by Recycling Industrial Materials, http://www.epa.gov/epawaste/conserve/rrr/imr/pdfs/banner-fs.pdf, (may need minor text revisions)
- ❖ Using Coal Ash in Highway Construction: A Guide to Benefits and Impacts, EPA-530-K-05-002, April 2005, (may need minor text revisions)
- Agricultural Uses for Flue Gas Desulfurization Gypsum, EPA-530-F-08-009, March 2008, (may need minor text revisions and design a graphical layout for the multi-page fact sheet)
- ❖ Coal Combustion Products Partnership Case Studies, (based on the IG review the case studies may require minor text and graphical revisions)

The Contractor may be required to provide support in communicating to key stakeholders about EPA's re-focus on the safety aspects of beneficial use. The contractor will verify stakeholder's contact information to assist EPA in distributing targeted letters.

DELIVERABLES	<u>DUE DATE</u>
Meeting with TOCOR to discuss revisions needed	Based on TD issued by TOCOR.
Draft and final versions of outreach materials	Based on TD issued by TOCOR.

Additional Requirements:

TECHNICAL DIRECTION

In accordance with EPAAR 1552.237-71–*Technical Direction*, the Task Order Contracting Officer's Representative (TOCOR) will provide Technical Direction during performance of this task order. Technical direction includes:

- (1) Instruction to the contractor that approves approaches, solutions, designs, or refinements; fills in details; completes the general description of work; shifts emphasis among work areas or tasks; and
- (2) Evaluation and acceptance of reports or other deliverables.

Technical Direction must be within the scope of the contract-level SOW. The TOCOR does not have the authority to issue Technical Direction which:

- (1) Requires additional work outside the scope of the contract or task order;
- (2) Constitutes a change as defined in the "Changes" clause;
- (3) Causes an increase or decrease in the estimated cost of the contract or task order;
- (4) Alters the period of performance of the contract or task order; or
- (5) Changes any of the other express terms or conditions of the contract or task order.

Technical Direction will be issued in writing by the TOCOR, or confirmed by the TOCOR in writing within five (5) calendar days after oral issuance.

QUALITY ASSURANCE

In fulfilling this task order, the Contractor shall abide by all appropriate quality assurance procedures, as described in EPA Order 5360.1A2, EPA Manual 5360.A1, and OSWER's and ORCR's Quality Management Plans. See also EPA Website:

http://www.epa.gov/quality/qa_docs.html. When preparing documents that cite others' work as technical references, the contractor shall supply electronic versions of each technical reference cited, except when the reference consists of an online database (in which case the contractor shall supply a URL together with the date the data were accessed, and a description of any query language used).

COMMUNICATIONS PRODUCTS

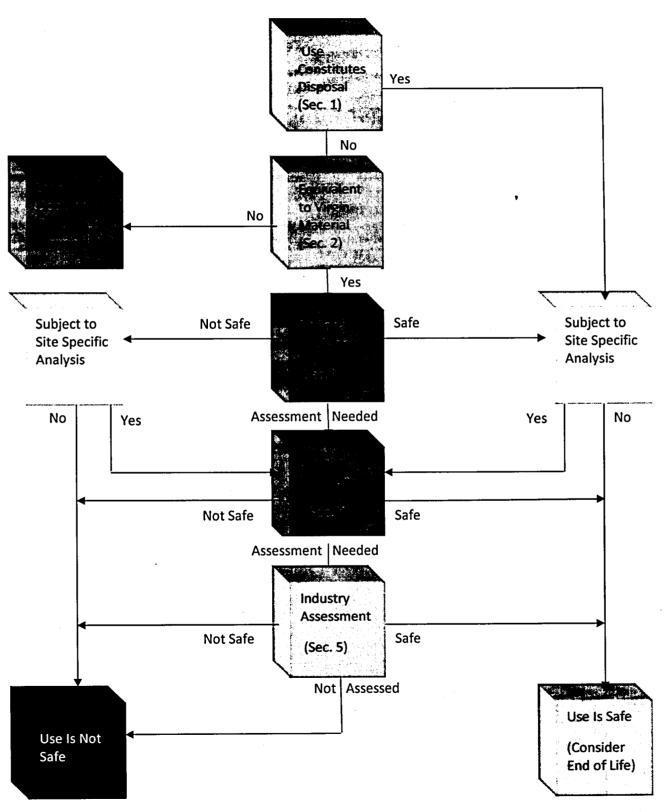
Performance under this task order requires the contractor to develop deliverables that are considered by EPA to be "Communications Products". The contractor shall develop Communications Products in accordance with EPA's Policy and Implementation Guide for Communications Product Development and Approval found here:

http://www.epa.gov/productreview/guide/index.html. Additionally, if Communications Products require the use of EPA graphics, logos, or other identifiable materials, the Communications Products are further subject to the standards in *EPA's Stylebook for EPA Communications Product Standards* found here http://www.epa.gov/productreview/stylebook/index.html.

GOVERNMENT PRINTING

Performance under this task order calls for printing or duplication that exceeds the maximum limitations described in EPAAR 1552.208-70–Printing. Any printing or duplication called for under this task order in excess of those limits must be performed by EPA's Print Shop or by the Government Printing Office (GPO). The contractor shall coordinate with the Task Order Contracting Officer's Representative (TOCOR) on all printing or duplication to be completed by EPA's Print Shop or the GPO.

Beneficial Use Determination Process



AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CO	ONTRACT		1. CONTRACT ID CODE	PAGE 1	OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE I	4. REQ	JISITION/PURCHASE REQ. NO.		NO. (If applicable)
001	06/29/20					, ., ,
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CF INCORPORATED, L.L.C. 9300 LEE HIGHWAY FAIRFAX VA 220316050			× 10/ E E	DATED (SEE ITEM 11) . MODIFICATION OF CONTRACT/ORDER I -W-10-056 33 . DATED (SEE ITEM 13)	NO.	
CODE 072648579	FACILITY COD	-	0	4/13/2011		
separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF 0 virtue of this amendment you desire to change an offe to the solicitation and this amendment, and is received 12. ACCOUNTING AND APPROPRIATION DATA (If req. See Schedule 13. THIS ITEM ONLY APPLIES TO M.	to the solicitation DFFERS PRIOR r already submitt prior to the oper uired) ODIFICATION O	n and amendment numbe TO THE HOUR AND DA ed, such change may be ning hour and date specif F CONTRACTS/ORDERS	rs. FAI TE SPI made t ied.	CIFIED MAY RESULT IN REJECTION OF Y	D BE RECEIVE OUR OFFER. Or letter makes	D AT If by reference
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMEN D. OTHER (Specify type of modification X By Mutual Agreement	T IS ENTERED I	NTO PURSUANT TO AL		MINISTRATIVE CHANGES (such as change: OF FAR 43.103(b). TY OF:	s in paying offic	8 ,
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E.IMPORTANT: Contractor	(Organized by U ate: 08/3 o amended Contract rder Sta	31/2012 d Tasks 1 and ing Officer's tement of Wor	l 2. Re	The other tasks will presentative (TOCOR).	begin a Please	see
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		UNITED STATES OF AMERICA		16C. DATE SIGNED
(Signature of person authorized to sign)			_	(Signature of Contracting Officer)		

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243
 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
 PAGE
 OF

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NAME OF OFFEROR OR CONTRACTOR
ICF INCORPORATED, L.L.C.

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	LIST OF CHANGES:		\vdash		
	Reason for Modification : Other Administrative				
	Action				
	Total Amount for this Modification: \$0.00		1 1		
	New Total Amount for this Version: \$0.00		H		
	New Total Amount for this Award: \$259,981.00		ll		
	Payment:		Ιİ		
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center		ΙI		
	Mail Drop D143-02	İ			
	109 TW Alexander Drive				
	Durham NC 27711				
	Period of Performance: 04/13/2011 to 08/31/2012				
	Period of Periormance: 04/13/2011 to 08/31/2012				
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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT					1. CONTRACT ID CODE		PAGE OF PAGES 1 5		
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002		07/12/20	11						
6. ISSUED BY	CODE	SRRPOD		7. ADN	INISTERED BY (If other than Item 6)	CODE SE	RPOD		
Superfur Operation				Supe Ope:	Cnvironmental Protecti erfund/RCRA Regional F cations	rocureme'	-		
	nnsylvania Ave, NW) Pennsylvania Ave, NW				
	On DC 20460 ADDRESS OF CONTRACTOR (No., street,				ington DC 20460 AMENDMENT OF SOLICITATION NO.				
ICF INCO 9300 LEE	RPORATED, L.L.C. HIGHWAY VA 220316050	, county, state and	(()	9B. × 10/ × E.	DATED (SEE ITEM 11) . MODIFICATION OF CONTRACT/ORDER -W-10-056 33	R NO.			
				108	. DATED (SEE ITEM 13)				
CODE 07	2648579	FACILITY COD	E	0	4/13/2011				
		11. THIS ITE	M ONLY APPLIES TO AM	MENDM	ENTS OF SOLICITATIONS		<u> </u>		
virtue of this to the solicita	amendment you desire to change an offe ation and this amendment, and is received ING AND APPROPRIATION DATA (If req edule	r already submitt d prior to the oper urired)	ed, such change may be ning hour and date specif	made l ied.	CIFIED MAY RESULT IN REJECTION OF y telegram or letter, provided each telegran DDIFIES THE CONTRACT/ORDER NO. AS	n or letter makes	reference		
CHECK ONE					ES SET FORTH IN ITEM 14 ARE MADE II MINISTRATIVE CHANGES (such as chang OF FAR 43.103(b).				
	C. THIS SUPPLEMENTAL AGREEMEN								
	DOTUGO (O						 		
	D. OTHER (Specify type of modification	•••							
X	By Mutual Agreement								
DUNS Num	TION OF AMENDMENT/MODIFICATION aber: 072648579	(Organized by U			2 copies to the iss colicitation/contract subject matter where fe				
	ta Chow Max Expire D					_			
EP-W-10- other ta	-056, TO 33, MOD 1 as asks will begin at th	follows e direct	: No Addition of the Ta	onal ask	nguage in block 14 und Cost Changes to amend Order Contracting Off: nt to Task Order State	ded Task Lcer's	1. The		
15A. NAME A	vided herein, all terms and conditions of the ND TITLE OF SIGNER (Type or print)	ne document refe		16A. Lyi	retofore changed, remains unchanged and NAME AND TITLE OF CONTRACTING O LETTE GAllion		print)		
· 	ACTOR/OFFEROR (Signature of person authorized to sign)		15C. DATE SIGNED	16B.	UNITED STATES OF AMERICA (Signature of Contracting Officer)		16C. DATE SIGNED		

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243
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NAME OF OFFEROR OR CONTRACTOR
ICF INCORPORATED, L.L.C.

ITEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	LIST OF CHANGES:		П		
	Reason for Modification : Other Administrative				
	Action				
	Total Amount for this Modification: \$0.00				
	New Total Amount for this Version: \$0.00		<u> </u>		
	New Total Amount for this Award: \$259,981.00				·
	Payment: RTP Finance Center				
	US Environmental Protection Agency		1		
	RTP-Finance Center				
	Mail Drop D143-02				
	109 TW Alexander Drive				
	Durham NC 27711				,
	Period of Performance: 04/13/2011 to 08/31/2012				
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2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE (l _D		QUISITION/PURCHASE REQ. NO. DSWER-11-00571	J3. PR	OJECT NO). (If applicable)
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SRRPOD US Environmental Protection Superfund/RCRA Regional Proc Operations 1200 Pennsylvania Ave, NW Washington DC 20460		1	US Sup Ope 120	POD Environmental Protection Perfund/RCRA Regional Protections Postions O Pennsylvania Ave, NW Phington DC 20460	_	_	
8. NAME AND ADDRESS OF CONTRACTOR (No., stree	t, county, State and a			A. AMENDMENT OF SOLICITATION NO.			
ICF INCORPORATED, L.L.C. 9300 LEE HIGHWAY FAIRFAX VA 220316050		>	9E	B. DATED (SEE ITEM 11) DA. MODIFICATION OF CONTRACT/ORDER N P-W-10-056 033 DB. DATED (SEE ITEM 13)	NO.		
CODE 072648579	FACILITY COD	Ē		04/13/2011			
0/2648579				MENTS OF SOLICITATIONS			
Offers must acknowledge receipt of this amendment patterns 8 and 15, and returning conseparate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an offer to the solicitation and this amendment, and is received.	pies of the amend to the solicitation OFFERS PRIOR or already submitte	ment; (b) By acknowledg and amendment number TO THE HOUR AND DAT ed, such change may be i	ing re rs. F/ TE SF made	eceipt of this amendment on each copy of the of AILURE OF YOUR ACKNOWLEDGEMENT TO PECIFIED MAY RESULT IN REJECTION OF Y	ffer sub BE RE OUR O	mitted; or (CEIVED A FFER. If b	с) Ву Т У
12. ACCOUNTING AND APPROPRIATION DATA (If re-				crease: \$	120,	741.9	9
See Schedule							
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X 52.232-20 Limitation	n of Cost	•		•			
E. IMPORTANT: Contractor 🗵 is not.	is required to	sign this document and	returr	0 copies to the issuir	ng office),	
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 072648579 TOPO: Rita Chow Max Expire I The purpose of this modification amount of \$120,741.99.	(Organized by UC	CF section headings, inch	uding	solicitation/contract subject matter where feas		er in	the
The task order is hereby full The contractor shall not excite contracting officer. Continued Except as provided herein, all terms and conditions of the state of the sta	ceed task	order ceilin	ig v	without prior written au	itho	rizati	on from
15A. NAME AND TITLE OF SIGNER (Type or print)					.0211	, spo oi pili	•••
			Ly	nette Gallion			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B	. UNITED STATES OF AMERICA		1	6C. DATE SIGNED
			_	(Signature of Contracting Officer)		-	
(Signature of person authorized to sign)				(Signature of Contracting Officer)			400 (DED) 40 93)

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243
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NAME OF OFFEROR OR CONTRACTOR
ICF INCORPORATED, L.L.C

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	LIST OF CHANGES:	.			
	Reason for Modification : Funding Only Action				
	Obligated Amount for this Modification:		1		
	\$120,741.99				
	New Total Obligated Amount for this Award:				
	\$220,741.99		1		
	Incremental Funded Amount changed: from \$100,000.00 to \$220,741.99				
	\$100,000.00 to \$220,741.99	i	i i		
	CHANGES FOR LINE ITEM NUMBER: 1				
	Obligated Amount for this modification.	1			
	Obligated Amount for this modification:	ĺ			
	\$120,741.99	1			
	Incremental Funded Amount changed from \$100,000.00 to \$220,741.99	1			
	\$100,000.00 to \$220,741.99	İ	İ		
	NEW ACCOUNTING CODE ADDED:				
	Account code:	1			
	11-12-B-31M-301DA1C-2585-1131MRP021-001	ŀ			
	Beginning FiscalYear 11				
	Ending Fiscal Year 12	1	1		
	Fund (Appropriation) B		1		
	Budget Organization 31M		1		
	Quantity: 0				
	Amount: \$120,741.99				
	Percent: 46.44262			ľ	
	Subject To Funding: N	İ	1		
	Delivery Location Code: HPOD				
	HPOD		1		
	US Environmental Protection Agency			Ì	
	Headquarters Procurement Operations			'	
	Ariel Rios Building				
	1200 Pennsylvania Avenue, NW		1	<u> </u>	
	Washington DC 20460 USA				
	Period of Performance: 04/13/2011 to 08/31/2012				
				1	
	Change Item 0001 to read as follows (amount shown				
	is the total amount):				
			1		259,981.
001	Task Order Ceiling Amount				239, 901
	Accounting Info:				
	11-12-B-31M-301DA1C-2585-1131MRP012-001 BFY: 11				
	EFY: 12 Fund: B Budget Org: 31M Program (PRC):				
	301DA1C Budget (BOC): 2585 DCN - Line ID: Continued		1		
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NAME OF OFFEROR OR CONTRACTOR

ICF INCORPORATED. L.L.C

(A) (B) (C) (D) (E) 1131MRF012-001 Funding Flag: Partial Funded: \$0.00 Accounting Info: 10-11-B-31M-301DA1C-2585-1031MRP515-001 BFY: 10 EFY: 11 Fund: B Budget Org: 31M Program (PRC): 301DA1C Budget (BOC): 2585 DCN - Line ID: 1031MRP515-001 Funding Flag: Partial Funded: \$0.00 Accounting Info: 11-12-B-31M-301DA1C-2585-1131MRP021-001 BFY: 11 EFY: 12 Fund: B Budget Org: 31M Program (PRC): 301DA1C Budget (BOC): 2585 DCN - Line ID: 1131MRP021-001 Funding Flag: Partial Funded: \$120,741.99	AMOUNT
Funding Flag: Partial Funded: \$0.00 Accounting Info: 10-11-B-31M-301DA1C-2585-1031MRP515-001 BFY: 10 EFY: 11 Fund: B Budget Org: 31M Program (PRC): 301DA1C Budget (BOC): 2585 DCN - Line ID: 1031MRP515-001 Funding Flag: Partial Funded: \$0.00 Accounting Info: 11-12-B-31M-301DA1C-2585-1131MRP021-001 BFY: 11 EFY: 12 Fund: B Budget Org: 31M Program (PRC): 301DA1C Budget (BOC): 2585 DCN - Line ID: 1131MRP021-001 Funding Flag: Partial	(F)
Funded: \$0.00 Accounting Info: 10-11-B-31M-301DA1C-2585-1031MRP515-001 BFY: 10 EFY: 11 Fund: B Budget Org: 31M Program (PRC): 301DA1C Budget (BOC): 2585 DCN - Line ID: 1031MRP515-001 Funding Flag: Partial Funded: \$0.00 Accounting Info: 11-12-B-31M-301DA1C-2585-1131MRP021-001 BFY: 11 EFY: 12 Fund: B Budget Org: 31M Program (PRC): 301DA1C Budget (BOC): 2585 DCN - Line ID: 1131MRP021-001 Funding Flag: Partial	
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EFY: 12 Fund: B Budget Org: 31M Program (PRC): 301DA1C Budget (BOC): 2585 DCN - Line ID: 1131MRP021-001 Funding Flag: Partial	
301DA1C Budget (BOC): 2585 DCN - Line ID: 1131MRP021-001 Funding Flag: Partial	
1131MRP021-001 Funding Flag: Partial	
Funding Flag: Partial	
Funded: 3120,741.99	
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AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CONTRACT	•	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. RE0	QUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
004	See Block 16C			
6. ISSUED BY CODE	SRRPOD	7. AD	MINISTERED BY (If other than Item 6)	CODE SRRPOD
SRRPOD US Environmental Protection Superfund/RCRA Regional Prod Operations 1200 Pennsylvania Ave, NW Washington DC 20460		Sup Ope 120	POD Environmental Protect: erfund/RCRA Regional I rations O Pennsylvania Ave, N hington DC 20460	Procurement
8. NAME AND ADDRESS OF CONTRACTOR (No., stree	t, county, State and ZIP Code)	(x) 9A	. AMENDMENT OF SOLICITATION NO.	
ICF INCORPORATED, L.L.C. 9300 LEE HIGHWAY FAIRFAX VA 220316050		x 10 0	A. MODIFICATION OF CONTRACT/ORDE P-W-10-056 033 B. DATED (SEE ITEM 13)	R NO.
CODE 072648579	FACILITY CODE	 ,	04/13/2011	
012040313	11. THIS ITEM ONLY APP	1 1	MENTS OF SOLICITATIONS	
separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an off to the solicitation and this amendment, and is receive 12. ACCOUNTING AND APPROPRIATION DATA (If respectively) See Schedule	e to the solicitation and amend OFFERS PRIOR TO THE HO er already submitted, such cha d prior to the opening hour and quired)	ment numbers. F./ UR AND DATE SF nge may be made d date specified.	PECIFIED MAY RESULT IN REJECTION OF	TO BE RECEIVED AT F YOUR OFFER. If by m or letter makes reference
			GES SET FORTH IN ITEM 14 ARE MADE	
	CT/ORDER IS MODIFIED TO H IN ITEM 14, PURSUANT TO	REFLECT THE A	DMINISTRATIVE CHANGES (such as chan Y OF FAR 43.103(b).	ges in paying office,
C. THIS SUPPLEMENTAL AGREEME	NT IS ENTERED INTO PURSU	JANT TO AUTHOR	RITY OF:	
D. OTHER (Specify type of modification	and authority)			
X Mutual Agreement of	the Parties			
E. IMPORTANT: Contractoris not,	is required to sign this do			
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 072648579 The purpose of this no cost, Researcher 3 labor category overall cost of this task or	bilateral modi	ification	is to authorize the u	se of the
All other terms and condition TOPO: Rita Chow Max Expire I LIST OF CHANGES:			d in full force and ef	fect.
Reason for Modification : So Total Amount for this Modification	ication: \$0.00			in full force and effect
Except as provided herein, all terms and conditions of 15A. NAME AND TITLE OF SIGNER (Type or print)	the document referenced in Ite	16A	. NAME AND TITLE OF CONTRACTING O	OFFICER (Type or print)
	. <u></u>		yna Brown	THE DATE SIGNED
15B. CONTRACTOR/OFFEROR	15C. DATE	SIGNED 168	. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)			(Signature of Contracting Officer)	STANDARD FORM 30 (REV. 10-83)
NSN 7540-01-152-8070 .				

Previous edition unusable

Prescribed by GSA FAR (48 CFR) 53.243

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NAME OF OFFEROR OR CONTRACTOR ICF INCORPORATED, L.L.C.

EM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
· · · · · · · · ·	New Total Amount for this Version: \$0.00 New Total Amount for this Award: \$259,981.00				
	Buyer changed from Manuela Meyer to Marshand Boone Contracting Officer changed from Lynette Gallion	·			·
	to Rayna Brown				
	Period of Performance: 04/13/2011 to 08/31/2012				
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AMENDME	ENT OF SOLICITATION/MODIFIC	ATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES
2. AMENDME	NT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQ	UISITION/PURCHASE REQ. NO.	5. PR	1 2 DJECT NO. (If applicable)
005		See Block 16C	1			
6. ISSUED BY	CODE	SRRPOD	7. ADN	INISTERED BY (If other than Item 6)	CODE	SRRPOD
Superfu Operati 1200 Pe	ronmental Protection and/RCRA Regional Procesons and Ave, NW aton DC 20460	Agency	Super Oper 1200	POD Environmental Protect erfund/RCRA Regional cations D Pennsylvania Ave, N	Procur	
	ADDRESS OF CONTRACTOR (No., street	. county, State and ZIP Code)		AMENDMENT OF SOLICITATION NO.		
ICF INCO	ORPORATED, L.L.C. E HIGHWAY VA 220316050	, 301,7, 31,0 1,0 2,0 300,7	9B.	DATED (SEE ITEM 11) MODIFICATION OF CONTRACT/ORDE -W-10-056 33 DATED (SEE ITEM 13)	ER NO.	
CODE 07	72648579	FACILITY CODE	⊣ ₀	4/13/2011		
		11. THIS ITEM ONLY APPLIES	I I	ENTS OF SOLICITATIONS		
Items 8 and separate le THE PLAC virtue of thi to the solici	ter or telegram which includes a reference E DESIGNATED FOR THE RECEIPT OF 0 s amendment you desire to change an offeitation and this amendment, and is received TING AND APPROPRIATION DATA (If requedule 13. THIS ITEM ONLY APPLIES TO M	pies of the amendment; (b) By acknoto the solicitation and amendment no DFFERS PRIOR TO THE HOUR AN raiready submitted, such change may prior to the opening hour and date studied) ODIFICATION OF CONTRACTS/ORI	owledging rec numbers. FAI DD DATE SPE ay be made to specified.	eipt of this amendment on each copy of the LURE OF YOUR ACKNOWLEDGEMENT CIFIED MAY RESULT IN REJECTION Copy telegram or letter, provided each telegram or letter.	ne offer subr I TO BE RE DF YOUR OF am or letter I	nitted; or (c) By CEIVED AT FER. If by makes reference
		CT/ORDER IS MODIFIED TO REFLE I IN ITEM 14, PURSUANT TO THE	ECT THE AD AUTHORITY	MINISTRATIVE CHANGES (such as char OF FAR 43.103(b).		
х	Mutual Agreement of	the Parties				
	D. OTHER (Specify type of modification	and authority)				
E. IMPORTAN	NT: Contractor is not,	x is required to sign this documen	nt and return	1 copies to the is	ssuing office	
DUNS Nu The pur Stateme	TION OF AMENDMENT/MODIFICATION mber: 072648579 pose of this no cost, nt of Work - Amendmen has no impact to the	bilateral modific t #2 (1 page) as a	ation suppl	is to incorporate the emental agreement, wh	e attac	
This ta	sk order is for non-s	everable services.				
All oth	er terms and conditio	ns remains unchang	ed and	in full force and ef	ffect.	
	tita Chow Max Expire D of Performance: 04/13		.2			
	ovided herein, all terms and conditions of the AND TITLE OF SIGNER (<i>Type or print</i>)	ne document referenced in Item 9A o	16A.	retofore changed, remains unchanged and NAME AND TITLE OF CONTRACTING OF THE BROWN		
15B. CONTR	ACTOR/OFFEROR	15C. DATE SIGNE		UNITED STATES OF AMERICA		16C. DATE SIGNED
	(Signature of person authorized to sign)		_	(Signature of Contracting Officer)		
NSN 7540-0					STANDA	RD FORM 30 (REV. 10-83)

NSN 7540-01-152-8070 Previous edition unusable Prescribed by GSA FAR (48 CFR) 53.243

Amendment #2 to Task Order Statement of Work Safe and Sustainable Recycling of Industrial Materials Technical & Program Support

PURPOSE

The purpose of this action is to amend the Safe and Sustainable Recycling of Industrial Materials Technical and Program Support statement of work of Task Order EPG11S00033 under contract number EP-W-10-056. This is a no cost amendment.

After evaluation of the available resources and because there has been good progress made on the safety assessments for the beneficial use of coal combustion residues, the Agency is amending the tasks in this Task Order Statement of Work (TOSOW) to re-include the other industrial materials.

SCOPE OF WORK

The work to be completed in the original TOSOW of work is amended below. The contractor will continue to work on Task 1 as amended and Task 2. The other tasks will begin at the direction of the Task Order Contracting Officer's Representative (TOCOR).

Task 1 Beneficial Use Safety Information Reports

Under this task, the contractor shall conduct work as described in the original TOSOW, however the contractor will focus on construction and demolition materials in addition to the continued efforts on fly ash in concrete and other coal combustion residues in other encapsulated (bound) and unencapsulated (unbound) uses. The safety efforts for the other industrial materials - foundry sands, iron and steel slag, scrap tires, and pulp and paper residuals, will begin at the direction of the TOCOR.

Task 2 Review of Other Countries' Beneficial Use Programs

No changes to this task from the first technical amendment. Under this task, the contractor shall continue to conduct work as described in the original TOSOW.

Task 3 Industrial Materials Recycling Website Update

No changes to this task from the first technical amendment. This task shall begin at the direction of the TOCOR. Under this task, the Contractor shall review and update the contents of the IMR website as information becomes available from Task 1.

Task 4 Scrap Tires Website Update

No changes to this task from the first technical amendment. This task shall begin at the direction of the TOCOR. This task is deferred until the safety assessment work is conducted for scrap tires under Task 1.

Task 5 General IMR Program Support

No changes to this task from the first technical amendment. This task shall begin at the direction of the TOCOR. Under this task, the Contractor may be required to update numerous EPA IMR publications as described in the original TOSOW as information becomes available from Task 1.

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CO	NTRACT	1. CONTRACT ID CODE	PAGE OF	PAGES
AMENDMENT OF SOCIOTATION/MODIFICA				1	_5
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE D		REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO	. (If applicable)
006	See Bloc	k 16C PI	R-OSWER-12-00268		
6. ISSUED BY CODE	SRRPOD		ADMINISTERED BY (If other than Item 6)	CODE SRRP	OD
SRRPOD		s	RRPOD	•	
US Environmental Protection	Agency	_	S Environmental Protecti	ion Agency	
Superfund/RCRA Regional Proc			uperfund/RCRA Regional I		
Operations		4	perations		
1200 Pennsylvania Ave, NW			200 Pennsylvania Ave, NV	M	
Washington DC 20460		W	ashington DC 20460		
8. NAME AND ADDRESS OF CONTRACTOR (No., street	t, county, State and 2	(X	9A. AMENDMENT OF SOLICITATION NO.		
		<u> </u>			
ICF INCORPORATED, L.L.C.			9B. DATED (SEE ITEM 11)		
9300 LEE HIGHWAY			9B. DATED (SEE TIEM TT)		
FAIRFAX VA 220316050					
		×	10A. MODIFICATION OF CONTRACT/ORDE	R NO.	
		^	EP-W-10-030		
			0033		
			10B. DATED (SEE ITEM 13)		
CODE 072648579	FACILITY COD		04/13/2011		
	11. THIS ITE	I M ONLY APPLIES TO AM	ENDMENTS OF SOLICITATIONS		
☐ The above numbered solicitation is amended as set for				extended, Dis not e	extended.
virtue of this amendment you desire to change an offe to the solicitation and this amendment, and is received 12. ACCOUNTING AND APPROPRIATION DATA (If rec	d prior to the oper	ing hour and date specifie	Increase:	\$27,519.00	
See Schedule					
13. THIS ITEM ONLY APPLIES TO M	ODIFICATION OF	CONTRACTS/ORDERS.	IT MODIFIES THE CONTRACT/ORDER NO. AS	DESCRIBED IN ITEM	l 14.
A. THIS CHANGE ORDER IS ISSUED I ORDER NO. IN ITEM 10A.	PURSUANT TO: (Specify authority) THE C	HANGES SET FORTH IN ITEM 14 ARE MADE	IN THE CONTRACT	
B. THE ABOVE NUMBERED CONTRA	CT/ORDER IS MO	DIFIED TO REFLECT TH	HE ADMINISTRATIVE CHANGES (such as chan PRITY OF FAR 43.103(b).	ges in paying office,	
appropriation date, etc.) SET FORTI	⊓ IN I I EM 14, PU	MOUANT TO THE AUTH	VICE 1 OF FAIR 40, 100(D).		
C. THIS SUPPLEMENTAL AGREEMEN	IT IS ENTERED I	NTO PURSUANT TO AU	HORITY OF:		
D. OTHER (Specify type of modification	and authority)	<u> </u>			
X By Mutual Agreement	of the P	arties			
			etum 1 copies to the is:	suing office	
E. IMPORTANT: Contractor is not,		sign this document and r			
14. DESCRIPTION OF AMENDMENT/MODIFICATION	(Organized by U	CF section headings, inclu	iding solicitation/contract subject matter where fo	easible.)	
DUNS Number: 072648579					
TOPO: Rita Chow Max Expire I	Date: 08/	31/2013			
The purpose of this bilatera	al modifi	cation is to	approve the vendor's pro	posal dated	i March
The purpose of this bridger	+ha a++-	shed Statemen	t of Work Amendment #3	(2 pages)	as a
23, 2012 and to incorporate	the atta	ineu Statemen	C OI WOLK Amendment #3	norformance	. to
supplemental agreement. This	s modifica	ation also: 1	extends the period of	berrormance	; co .ilim~
August 31, 2013, 2) obligate	es fundin	g in the amou	nt of \$27,519, raising t	ne award ce	elilng
from \$259,981 by \$27,519 to	\$287,500	, and 3) make	s and administrative cha	inge (see be	elow).
This task order is for non-s	severable	services. Al	l other terms and condit	ions remain	1
Continued					
Except as provided herein, all terms and conditions of t	the document refe	renced in Item 9A or 10A.	as heretofore changed, remains unchanged and	in full force and effec	t.
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING	OFFICER (Type or pri	nt)
The state of the s					
			Carolyn Mosinski		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	1	6C. DATE SIGNED
				į	
(Signature of person authorized to sign)	 ·		(Signature of Contracting Officer)		
(OTANDADD FORM	4.00 (DEL/ 40.93)

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243
 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
 PAGE
 OF

 EP-W-10-056/0033/006
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NAME OF OFFEROR OR CONTRACTOR
ICF INCORPORATED, L.L.C

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	1 !	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	unchanged and are in full force and effect.]		
	LIST OF CHANGES:				
	Reason for Modification : Supplemental Agreement				
	for work within scope				
	Period Of Performance End Date changed from				
	31-AUG-12 to 31-AUG-13				
	Total Amount for this Modification: \$27,519.00				
	New Total Amount for this Award: \$287,500.00				
	Obligated Amount for this Modification: \$27,519.00				
	The Contracting Officer changed from Rayna Brown				
	to Carolyn Mosinski.		ŀ		
	-				
	Maximum Potential Expiration Date changed to :				
	08/31/2013				
	CHANGES FOR LINE ITEM NUMBER: 1				
	Total Amount changed		l		
	from \$259,981.00 to \$287,500.00		1		
	Obligated Amount for this modification: \$27,519.00				
	NEW ACCOUNTING CODE ADDED:				
	Account code:		İ		
	12-13-B-31M-302DA1-2585-1231MRP009-001			Ì	
	Beginning FiscalYear 12				
	Ending Fiscal Year 13				
	Fund (Appropriation) B				
	Budget Organization 31M				
	Quantity: 0				
	Amount: \$27,519.00				
	Percent: 10.585				
	Subject To Funding: N	İ			
	Payment Address:				
	RTP Finance Center US Environmental Protection Agency				
	RTP-Finance Center (D143-02)		1		
	109 TW Alexander Drive			1	
	Durham NC 27711				
	Period of Performance: 04/13/2011 to 08/31/2013				
	Change Item 0001 to read as follows(amount shown]	1	1	
	is the total amount):			1	
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001	Task Order Ceiling Amount]	287,500.
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CONTINUATION SHEET	EP-W-10-056/0033/006	3	5

NAME OF OFFEROR OR CONTRACTOR
ICF INCORPORATED, L.L.C.

EM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT (F)
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	301DA1C Budget (BOC): 2585 DCN - Line ID:				
	1131MRP012-001		1 1		
	Funding Flag: Partial				
	Funded: \$0.00				
	Accounting Info:				
	10-11-B-31M-301DA1C-2585-1031MRP515-001 BFY: 10				
	EFY: 11 Fund: B Budget Org: 31M Program (PRC):				
	301DA1C Budget (BOC): 2585 DCN - Line ID:		1 1		
	1031MRP515-001		l l		
	Funding Flag: Partial				
	Funded: \$0.00		1 1		
	Accounting Info:				
	11-12-B-31M-301DA1C-2585-1131MRP021-001 BFY: 11	· ·			
	EFY: 12 Fund: B Budget Org: 31M Program (PRC):		ΙI		
	301DA1C Budget (BOC): 2585 DCN - Line ID:				
	1131MRP021-001				
	Funding Flag: Partial				
	Funded: \$0.00				
	Accounting Info:		1 1		
	12-13-B-31M-302DA1-2585-1231MRP009-001 BFY: 12				
	EFY: 13 Fund: B Budget Org: 31M Program (PRC):		1 1		
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	1231MRP009-001				
	Funding Flag: Partial				
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Amendment #3 to Task Order Statement of Work Safe and Sustainable Recycling of Industrial Materials Technical & Program Support

The purpose of this action is to amend the Safe and Sustainable Recycling of Industrial Materials Technical and Program Support statement of work of Task Order EPG11S00033 under contract number EP-W-10-056.

Because the Agency continues to formulate the research approach for the safety assessment of these industrial materials, the scope of work is being modified to incorporate the needed changes in direction. The Agency is amending the tasks in this Task Order Statement of Work (TOSOW) to modify under Task 1 the research approach for construction and demolition materials; and under Tasks 4 (update to the scrap tire website) and 5 (general IMR support) are no longer needed.

SCOPE OF WORK

The work to be completed in the original TOSOW of work is amended below. The contractor will continue to work on Task 1 as amended and Task 2. The other tasks will begin at the direction of the Task Order Contracting Officer's Representative (TOCOR).

Beneficial Use Safety Information Reports

Under this task, the contractor shall continue to support the development of national safety decision for fly ash used in concrete in addition to other encapsulated (bound) beneficial uses of CCRs (e.g., FGD gypsum wallboard, fly ash bricks). This will involve analysis of articles found from literature searches and will incorporate assessment for criteria from other countries for the specific uses. The contractor, as described in the original TOSOW, will continue to conduct literature searches and other information gathering activities to support the Agency's safety efforts.

For the other encapsulated beneficial uses of CCRs identified in the ICF November 2011 MS Excel matrix deliverable and not mentioned specifically above, the contractor shall compile available information from literature searches and other information gathering activities on these uses. The search parameters should include leaching of metals (causing groundwater contamination), such as arsenic, cadmium, chromium, copper, manganese, lead, selenium, zinc, boron, chromium +6, and mercury.

Because unencapsulated uses involve site-specific considerations, the Agency is taking a different approach than encapsulated uses that involves compiling key resources and tools to aid others in conducting unencapsulated safety evaluations. Rather than limiting the literature review to a short list of 1-3 uses for each material, the contractor shall conduct a literature review for all the general beneficial uses identified in ICF Excel matrix except for agriculture, mining applications, waste stabilization/solidification, and miscellaneous/other categories. The information from the literature searches and other information gathering activities on these uses should cover as available and appropriate the relevant categories in the EPA's draft "Beneficial Use Determination Process" which may be refined to address unencapsulated uses. The

literature search parameters should include leaching of metals (causing groundwater contamination), dust inhalation during the use phase as appropriate, and surface run-off contamination from structural fill-type beneficial uses. Specific constituents to focus on include arsenic, cadmium, chromium, copper, manganese, lead, selenium, zinc, boron, chromium +6, and mercury.

Under this task, the Agency also is modifying its research approach for the construction and demolition materials (C&D) safety analysis. Because the components of the C&D materials are vast, the contractor shall modify its research approach by identifying the specific toxics (lead, asbestos, polychlorinated hydrocarbons, arsenic, etc.) typically found in C&D materials; identify the C&D materials that have contained these toxics (e.g., wood, asphalt shingles, caulk, etc.); highlight those beneficial uses of the identified C&D materials where the toxics may pose a safety concern; identify regulations and toxic removal techniques to ensure these materials are beneficially used in an environmentally safe manner; and briefly address the existence of specific circumstances where C&D may become unsafe for beneficial use. A draft outline detailing this new approach is attached for guidance.

For the remaining materials, the safety literature review for foundry sands is no longer needed under this task. The literature search review for iron and steel slag and pulp and paper residuals, remains on hold and will only begin at the direction of the TOCOR.

Review of Other Countries' Beneficial Use Programs Task 2

No changes to this task. Under this task, the contractor shall continue to conduct work as described in the original TOSOW.

Industrial Materials Recycling Website Update Task 3

No changes to this task. This task shall begin at the direction of the TOCOR. Under this task, the Contractor shall review and update the contents of the IMR website as information becomes available from Task 1.

Task 4 Scrap Tires Website Update

The Agency no longer needs work under this task. The current resources allocated for this task should be shifted to Task 1.

Task 5

General IMR Program Support The Agency is deferring this task because we have not completed efforts under task 1 to be able to update the IMR publications. The current resources allocated for this task should be shifted to Task 1.

COMPLETION DATE CHANGE

The Agency would like to move the completion date from 08/31/12 to 08/31/13 because the safety work is evolving and changing approaches in accordance with management direction.

AMENDME	NT OF SOLICITATION/MODIFIC	ATION OF CO	ONTRACT		1. CONTRACT ID CODE	F	PAGE OF PAGES
2 AMENDME	NT/MODIFICATION NO.	3. EFFECTIVE	DATE	4 D	EQUISITION/PURCHASE REQ. NO.	Is. PRO	1 6 JECT NO. (If applicable)
	NIMODIFICATION NO.		-···- ₊		OSWER-12-00449]	(approach)
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	ronmental Protection nd/RCRA Regional Proc	-			perfund/RCRA Regional Pr		
Operati		arcmene	i		erations		2
-	nnsylvania Ave, NW			-	00 Pennsylvania Ave, NW		
	ton DC 20460			Wa	shington DC 20460		
8. NAME AND	ADDRESS OF CONTRACTOR (No., street	, county, State and	ZIP Code)	(x) ⁵	BA. AMENDMENT OF SOLICITATION NO.		
CF INC	DRPORATED, L.L.C.		Γ				
	E HIGHWAY			5	9B. DATED (SEE ITEM 11)		
	VA 220316050			-			
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				Ī	10B. DATED (SEE ITEM 13)		
CODE 07	12648579	FACILITY COL	DE		04/13/2011		
		11. THIS ITE	M ONLY APPLIES TO A	MEN	DMENTS OF SOLICITATIONS		
☐The above	numbered solicitation is amended as set for	orth in Item 14. T	he hour and date specific	ed fo	r receipt of Offers 💮 is exte	nded,	☐ is not extended.
Offers must	t acknowledge receipt of this amendment p	orior to the hour a	ind date specified in the s	solici	tation or as amended, by one of the following met	thods: (a) By completing
Items 8 and	t 15, and returning ∞	pies of the amen	dment; (b) By acknowledg	ging	receipt of this amendment on each copy of the of	ffer subm	itted; or (c) By
separate le	tter or telegram which includes a reference	to the solicitation	n and amendment number	ers.	FAILURE OF YOUR ACKNOWLEDGEMENT TO	BE REC	EIVED AT
THE PLAC	E DESIGNATED FOR THE RECEIPT OF (s amendment you desire to change an offe	OFFERS PRIOR er already submit	ted, such change may be	mac	SPECIFIED MAY RESULT IN REJECTION OF Your state of the second of the sec	or letter n	nakes reference
to the solici	tation and this amendment, and is received	d prior to the ope	ning hour and date specif	fied.			
12. ACCOUN	TING AND APPROPRIATION DATA (If red	quired)	Net	Ιr	ncrease: \$	79,84	42.00
See Sch							
	13. THIS ITEM ONLY APPLIES TO M	IODIFICATION O	F CONTRACTS/ORDERS	s. IT	MODIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBE	D IN ITEM 14.
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED I	PURSUANT TO:	(Specify authority) THE	СНА	NGES SET FORTH IN ITEM 14 ARE MADE IN 1	THE CO	NTRACT
	B. THE ABOVE NUMBERED CONTRA	CT/ORDER IS M	ODIFIED TO REFLECT T	THE	ADMINISTRATIVE CHANGES (such as changes ITY OF FAR 43.103(b).	in payin	g office,
X	i i						
	C. THIS SUPPLEMENTAL AGREEMEN	IT IS ENTERED	INTO PURSUANT TO AL	UTHO	ORITY OF:		
X	By Mutual Agreement	of the P	arties				
	D. OTHER (Specify type of modification	and authority)					
	<u> </u>						
E. IMPORTAN	NT: Contractor is not.	x is required t	o sign this document and	retu	rn 1 copies to the issuir	ig office.	
14. DESCRIP	PTION OF AMENDMENT/MODIFICATION	(Organized by U	ICF section headings, inc	ludir	ng solicitation/contract subject matter where feas	ible.)	
DUNS Nu	mber: 072648579						
Task Or	der Title: Safe and S	ustainab	le Recycling	of	Industrial Materials Te	echni	cal &
	Support						
The nur	pose of this bilatera	l modifi	cation is to	•			
Inc pur	Popp of curp princere						
1) To i	naanaratad tha revise	d Statem	ent of Work	(SC	OW) dated August 9, 2012	(ame	endment no.
		, a Dealer	JIL JI HOIK	,50			
4, 2 pa		. •		~	at 20 2012 in the amount	- of	\$79.842.00
	= -		sal dated Au	gus	st 29, 2012 in the amount	, UL	4.21032.00
	on the revised SOW her			, .	0 1 m1- 0 5 5 5 5 5 5		
3) To s	hift unspent resource	es from c	ompleted Tas	K 2	2 and Task 3 of the SOW t	o be	utilizea
Continu							
_		he document refe	erenced in Item 9A or 10A		heretofore changed, remains unchanged and in		
15A. NAME	AND TITLE OF SIGNER (Type or print)			10	BA. NAME AND TITLE OF CONTRACTING OFF	ICER (T	ype or print)
				R	ayna Brown		
15B. CONTR	RACTOR/OFFEROR		15C. DATE SIGNED	10	6B. UNITED STATES OF AMERICA		16C. DATE SIGNED
	(Signature of person authorized to sign)			-	(Signature of Contracting Officer)		-
MCN 75 40 0	(Signature of person authorized to sign)		L			STANDA	RD FORM 30 (REV. 10-83)

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243
 CONTINUATION SHEET
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 EP-W-10-056/0033/007
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NAME OF OFFEROR OR CONTRACTOR ICF INCORPORATED, L.L.C.

121	SUPPLIES/SERVICES	QUANTITY (C)	(D)	UNIT PRICE (E)	AMOUNT (F)
A)	(B)	(0)	(0)	(5)	(+)
	<pre>under Task 1; 4) To modify the obligation/funding ceiling;</pre>				
	5) To modify the total task order ceiling; and	ļ			
	6) To make administrative changes.				
	of to make daministrative only got		1		
	The allocation of resources for Task 2 and Task 3				
	provided in the Contractor's proposal prior to				
	this action shall be re-allocated to complete			1	
	Task 1. All work and deliverables associated				
	with Task 2 and Task 3 have been completed,		1 1		
!	delivered, inspected and accepted by the				
	Government. For clarification, all other			•	
	resources shall be utilized as proposed and accepted by the Government.		1 1		
	accepted by the Government.				
	The obligated ceiling is hereby increased by				
	\$79,842.00, from \$287,500.00 to \$367,342.00,				
	which the Contractor is not authorized to exceed.				
	The Contractor exceeds this amount at its own		1 1		
	risk. This Task Order is fully funded.				
	The total task order ceiling is hereby changed				
	from \$287,500.00 to \$367,342.00.				
	120.11. 4201,000100 00 4001,012001				
	This task order is for non-severable services.				
	All other terms and conditions remains unchanged				
	and in full force and effect.	l			
	TOPO: Rita Chow Max Expire Date: 08/31/2013.				
	LIST OF CHANGES:		i I		
	Reason for Modification : Supplemental Agreement				
	for work within scope				
	Total Amount for this Modification: \$79,842.00		1 1		
	New Total Amount for this Version: \$367,342.00				
	New Total Amount for this Award: \$367,342.00				•
	Obligated Amount for this Modification: \$79,842.00		1 1		
	New Total Obligated Amount for this Award:				
	\$328,102.99		1 1		
	l and a second second		1 1		
	Contracting Officer changed from Carolyn Mosinski	ŀ	1 1		
	to Rayna Brown		1		
	CHANGES FOR LINE ITEM NUMBER: 1				
	Total Amount changed				
	from \$287,500.00 to \$367,342.00	1	1 1		
	Obligated Amount for this modification: \$79,842.00	미	i i		
	Incremental Funded Amount changed from				
	\$248,260.99 to \$328,102.99				
	Continued	1]	
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 OF

 EP-W-10-056/0033/007
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NAME OF OFFEROR OR CONTRACTOR

ICF INCORPORATED, L.L.

ITEM NO.	SUPPLIES/SERVICES	QUANTIT		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	CHANGES FOR DELIVERY LOCATION: HPOD				
	Amount changed from \$287,500.00 to \$367,342.00				
	NEW ACCOUNTING CODE ADDED:				
	Account code:		1 1		
	12-13-B-31M-302DA1-2585-1231MRP022-001				
	Beginning FiscalYear 12				
	Ending Fiscal Year 13				
	Fund (Appropriation) B	ļ	1 1		
	Budget Organization 31M	1			
•	Quantity: 0				
	Amount: \$79,842.00 Percent: 21.73506				
	reference 21.75500				
	Period of Performance: 04/13/2011 to 08/31/2013				
	Change Item 0001 to read as follows(amount shown				
	is the total amount):	-	1 1		
0001	man) Ouden Grilian Amenat				367,342.0
0001	Task Order Ceiling Amount		1 1		307,342.
	Accounting Info:		11		
	11-12-B-31M-301DA1C-2585-1131MRP012-001 BFY: 11		1 1		
	EFY: 12 Fund: B Budget Org: 31M Program (PRC):				
	301DA1C Budget (BOC): 2585 DCN - Line ID:				
	1131MRP012-001				
	Funding Flag: Partial Funded: \$0.00				
	Accounting Info:				
	10-11-B-31M-301DA1C-2585-1031MRP515-001 BFY: 10				
	EFY: 11 Fund: B Budget Org: 31M Program (PRC):			,	
	301DA1C Budget (BOC): 2585 DCN - Line ID:	ŀ			
	1031MRP515-001	ł	1 1		
	Funding Flag: Partial Funded: \$0.00				
	Accounting Info:				
	11-12-B-31M-301DA1C-2585-1131MRP021-001 BFY: 11				
	EFY: 12 Fund: B Budget Org: 31M Program (PRC):				
	301DA1C Budget (BOC): 2585 DCN - Line ID:		1		
	1131MRP021-001				
	Funding Flag: Partial		İ		
	Funded: \$0.00				
	Accounting Info:		ŀ		
	12-13-B-31M-302DA1-2585-1231MRP009-001 BFY: 12 EFY: 13 Fund: B Budget Org: 31M Program (PRC):			ľ	
	302DA1 Budget (BOC): 2585 DCN - Line ID:	1			
	1231MRP009-001				
	Funding Flag: Partial				
	Continued				
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 EP-W-10-056/0033/007
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NAME OF OFFEROR OR CONTRACTOR
ICF INCORPORATED, L.L.C.

Funded: 50.00 Accounting Info: 12-13-8-31M-302PA1-2585-1231MRP022-001 BFY: 12 EFY: 13 Fund: B Budget Org: 31M Program (PRC): 302Da1 Budget (BCO): 2585 DCN - Line ID: 1231MRP022-001 Funding Flag: Partial Funded: \$79,842.00	ITEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
Accounting Info: 12-13-B-31M-302DA1-2585-1231MRP022-001 BFY: 12 EFY: 13 Fund: B Budget Org: 31M Program (PRC): 302DA1 Budget (BOC): 2585 DCN - Line ID: 1231MRP022-001 Funding Flag: Partial	(A)	(B)	(C)	(D)	(E)	(F)
Funded: 379,842.00		Accounting Info: 12-13-B-31M-302DA1-2585-1231MRP022-001 BFY: 12 EFY: 13 Fund: B Budget Org: 31M Program (PRC): 302DA1 Budget (BOC): 2585 DCN - Line ID: 1231MRP022-001				
		Funded: \$79,842.00				
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AMENDME	NT OF SOLICITATION/MODIFIC	ATION OF C	ONTRACT		1. CONTRACT ID CODE		PAGE O	F PAGES
2. AMENDMEN	NT/MODIFICATION NO.	3. EFFECTIVE	DATE	4. REC	UISITION/PURCHASE REQ. NO.	5. PR(D. (If applicable)
008		See Bloc		_				
6. ISSUED BY	CODE	SRRPOD	- 10C	7. ADI	MINISTERED BY (If other than Item 6)	CODE	SRRE	POD
	- /	DIVIVEOR					12	<u> </u>
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	ronmental Protection nd/RCRA Regional Proc				erfund/RCRA Regional Pr			<u>.</u>
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Operation	ons nnsylvania Ave, NW			-	O Pennsylvania Ave, NW			
	ton DC 20460				hington DC 20460			
	ADDRESS OF CONTRACTOR (No., street	t, county, State and			. AMENDMENT OF SOLICITATION NO.			
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CF INCC	RPORATED, L.L.C.			L				
	HIGHWAY			198	. DATED (SEE ITEM 11)			
FAIRFAX	VA 220316050							
			•	. 10	A. MODIFICATION OF CONTRACT/ORDER N	iO.		
	•				P-W-10-056			
					033			
				10	B. DATED (SEE ITEM 13)			
CODE 07	2648579	FACILITY COL	DE	0	4/13/2011			
		11. THIS ITE	M ONLY APPLIES TO A	MENDI	MENTS OF SOLICITATIONS			
☐The above a	numbered solicitation is amended as set for	orth in Item 14 1	The hour and date specific	ed for r	eceint of Offers Dis exte	nded.	☐is not	extended.
Offers must	acknowledge receipt of this amendment	prior to the hour s	and date specified in the	solicitat	ion or as amended, by one of the following met			
Items 8 and	I 15, and returning co	pies of the amen	dment; (b) By acknowled	ging re	ceipt of this amendment on each copy of the of	ffer subr	mitted; or ((c) By
separate let	tter or telegram which includes a reference	to the solicitatio	n and amendment number	ers. F	VILURE OF YOUR ACKNOWLEDGEMENT TO	BE RE	CEIVED A	AT .
THE PLACE	F DESIGNATED FOR THE RECEIPT OF	OFFERS PRIOR	TO THE HOUR AND DA	ATE SP	ECIFIED MAY RESULT IN REJECTION OF Y	our of	FFER. If b	ру
virtue of this to the solicit	s amendment you desire to change an offe tation and this amendment, and is receive	er aiready submit d prior to the one	ned, such change may be ening hour and date speci	mage fied.	by telegram or letter, provided each telegram of	n letter l	mares lei	SI GILLO
	TING AND APPROPRIATION DATA (If rea		3,					
See Sch		, ,						
	13. THIS ITEM ONLY APPLIES TO N	ODIFICATION C	F CONTRACTS/ORDER	S. IT M	ODIFIES THE CONTRACT/ORDER NO. AS DE	SCRIB	ED IN ITE	M 14.
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED	PURSUANT TO:	(Specify authority) THE	CHAN	GES SET FORTH IN ITEM 14 ARE MADE IN 1	гне со	NTRACT	
	ORDER NO. IN ITEM 10A.							
	B. THE ABOVE NUMBERED CONTRA	CT/ORDER IS M	ODIFIED TO REFLECT	THE A	DMINISTRATIVE CHANGES (such as changes Y OF FAR 43.103(b).	in payi	ng office,	
x	appropriation date, etc.) SET FORT	H IN ITEM 14, PI	URSUANT TO THE AUT	HORIT	Y OF FAR 43.103(b).			
	C. THIS SUPPLEMENTAL AGREEMEN	IT IS ENTERED	INTO PURSUANT TO A	UTHOF	RITY OF:			
v	By Mutual Agreement							
X	l							
	D. OTHER (Specify type of modification	rano aumonty)						
	<u> </u>							
E. IMPORTAN			to sign this document and					
14. DESCRIP	TION OF AMENDMENT/MODIFICATION	(Organized by L	JCF section headings, in	cluding	solicitation/contract subject matter where feas.	ible.)		
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Task Or	der Title: Safe and S	Sustainab	le Recycling	of	Industrial Materials Te	chn:	ical /	&
	Support				•			
moro	aul Cassidu Man Euria	no Data:	08/31/2013					
	aul Cassidy Max Expir							
	pose of this bilatera					<u>+</u>	μе .	3 2222
					November 1, 2012 (Amenda			
2) Appr	ove the contractor's	no-cost	proposal dat	ed 1	November 9, 2012 based o	on t	ne re	vised
SOW her	ein;							
3) Make	an administrative ch	nange						
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Continu		tha da	forenced in them 64 and 6	A ac b	eretofore changed remains unchanged and in	full force	e and effe	ct.
		me accument ref	erenced in item 9A or 10		eretofore changed, remains unchanged and in NAME AND TITLE OF CONTRACTING OFF			
15A. NAMÉ A	AND TITLE OF SIGNER (Type or print)			1		1 '), p-1	•
				Ra	yna Brown			
15B, CONTR	ACTOR/OFFEROR		15C. DATE SIGNED	168	. UNITED STATES OF AMERICA		1	16C. DATE SIGNED
				1-	(Signature of Contracting Officer)		-	
	(Signature of person authorized to sign)	<u> </u>				STAND	ARD FOR	M 30 (REV. 10-83)
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 CONTINUATION SHEET
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 OF

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TEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	All other terms and conditions remain unchanged.		┪		
	LIST OF CHANGES:				
	Reason for Modification : Supplemental Agreement				
	for work within scope Total Amount for this Modification: \$0.00	1			
	New Total Amount for this Version: \$0.00		ll		
	New Total Amount for this Award: \$367,342.00				
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	Contracting Officer Representative changed from		ΙI		
	Rita Chow to Paul Cassidy.		i i		
	Period of Performance: 04/13/2011 to 08/31/2013				
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Amendment #5 to Task Order Statement of Work Safe and Sustainable Recycling of Industrial Materials Technical & Program Support November 1, 2012

PURPOSE

The purpose of this action is to amend the Safe and Sustainable Recycling of Industrial Materials Technical and Program Support statement of work of Task Order no. 33 under contract number EP-W-10-056.

Because the Agency continues to formulate the research approach for the safety assessment of these industrial materials, the scope of work is being modified to incorporate the needed changes in that direction. The Agency is amending the tasks in this Task Order Statement of Work (SOW) to modify under Task 1 to expand the research scope for construction and demolition materials to include a toxics search and to add an additional draft C&D deliverable report that incorporates the Agency's substantive comments and includes the results of the expanded toxics search; and modify Task 5 (general IMR support) in this SOW.

SCOPE OF WORK

The work to be completed in the original TOSOW of work is amended below. The contractor will continue to work on Task 1 as amended.

Task 1 Beneficial Use Safety Information Reports

Under this task, the contractor shall continue to support the safety literature reviews for coal combustion residuals, construction and demolition materials, iron and steel slag, and pulp and paper residuals. For the expanded research scope, the contractor will conduct a search by toxics to close the gaps on any missing toxics that did not show up in the initial C&D materials toxics search by material. The contractor will begin looking at the Land Disposal Restrictions Universal Treatment Standards under 268.48 as a starting point and may narrow the list down to the plausible toxics found in C&D materials; and then conduct a search in one data source to determine whether the toxic can be used in the construction. The contractor will need to provide a second draft deliverable incorporating the results of this search and EPA's comments provided on the front portion of the first C&D materials report deliverable. The contractor will need to address EPA's remaining substantial comments to the back portion of the first deliverable and any additional comments on the second draft deliverable in the final draft deliverable.

DELIVERABLES	<u>DUE DATE</u>
Initial draft C&D Report	August 31, 2012 (Complete)
Second draft C&D Report	Within three (3) weeks of approval of the amendment modification.
Final (draft) C&D Report	Within two (2) weeks of receiving EPA's comments on second draft.

Task 2 Review of Other Countries' Beneficial Use Programs

No changes to this task as this task has been completed as described in the previous SOW.

Task 3 Industrial Materials Recycling Website Update

No changes to this task as this task has been completed as described in the previous SOW.

Task 4 Scrap Tires Website Update

No changes. The Agency continues to no longer need work under this task.

Task 5 General IMR Program Support

Under this task, the Agency is narrowing the number of publications the contractor will update no more than three (3) IMR publications. As described in the original task order, the Contractor may be required to provide support in communicating to key stakeholders about EPA's re-focus on the safety aspects of beneficial use and the role the Agency is undertaking in this area.

AMENDME	NT OF SOLICITATION/MODIFIC	ATION OF CO	ONTRACT		1. CONTRACT ID CODE	PAGE (OF PAGES
2. AMENDMEN	NT/MODIFICATION NO.	3. EFFECTIVE	DATE 4	4. RE0	QUISITION/PURCHASE REQ. NO.		O. (If applicable)
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SRRPOD US Envi	ronmental Protection	Agency					
	nd/RCRA Regional Proc	-					
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-	nnsylvania Ave, NW						
Washing	ton DC 20460						
8. NAME AND	ADDRESS OF CONTRACTOR (No., street	, county, State and	ZIP Code)	(x) 9A	. AMENDMENT OF SOLICITATION NO.		
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	PRPORATED, L.L.C.			98	. DATED (SEE ITEM 11)		
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ine above r	numbered solicitation is amended as set for	aut in item 14. I	ne nour and date specified in the c	sa iori solicito	eceipt of Offers		
	15, and returning co	nice of the amen	ing date specified in the s iment: (h) Rv acknowledd	nina re	ceipt of this amendment on each copy of the of	ffer submitted: or	(c) By
					AILURE OF YOUR ACKNOWLEDGEMENT TO		
THE PLACE	DESIGNATED FOR THE RECEIPT OF	OFFERS PRIOR	TO THE HOUR AND DA	TE SF	ECIFIED MAY RESULT IN REJECTION OF Y	OUR OFFER. If	by
virtue of this	s amendment you desire to change an offe tation and this amendment, and is received	er already submitt	ed, such change may be	made fied	by telegram or letter, provided each telegram of	or letter makes re	ference
	TING AND APPROPRIATION DATA (If rec		Thing floor and date specif	iicu.			
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<u> </u>		ODIFICATION O	F CONTRACTS/ORDERS	S. IT N	ODIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBED IN IT	EM 14.
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED	PURSUANT TO:	(Specify authority) THE	CHAN	GES SET FORTH IN ITEM 14 ARE MADE IN T	THE CONTRACT	•
	ORDER NO. IN ITEM 10A.						
	B. THE ABOVE NUMBERED CONTRA	CT/ORDER IS M	ODIFIED TO REFLECT T	THE A	DMINISTRATIVE CHANGES (such as changes Y OF FAR 43.103(b).	in paying office	
х	appropriation date, etc.) SET FORTI	H IN ITEM 14, PL	IRSUANT TO THE AUTH	HORIT	Y OF FAR 43.103(b).		
	C. THIS SUPPLEMENTAL AGREEMEN	IT IS ENTERED	INTO PURSUANT TO AU	JTHOI	RITY OF:		
	G. 11.10 GG. 1 ===						
	D. OTHER (Specify type of modification	and authority)					
	B. OTTIER (Specify type of mounication	and danionly)					
E. IMPORTAN			o sign this document and				
14. DESCRIP	TION OF AMENDMENT/MODIFICATION	(Organized by U	ICF section headings, inc	duding	solicitation/contract subject matter where feas	ible.)	
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Task Or	der Title: Safe and S	ustainab	le Recycling	of	Industrial Materials Te	echnical	and
	Support						
							•
The num	pose of this modifica	tion is	as follows:				
me pur	pose of this modifica	1011 15	as lollows.				
				,	g	Denvers	+ - +
(1) To	reinstate Rita Chow a	is the pr	imary Task O	rae	Contracting Officer's	Represer	icacive
(TOCOR)						•	
(2) To	assign Paul Cassidy a	is the al	ternate TOCO	R.			
						*	
All oth	er terms and condition	ons remai	ns unchanged	an	d in full force and effe	ect.	
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		he document refe	erenced in Item 9A or 104	A, as h	eretofore changed, remains unchanged and in	full force and eff	ect.
	AND TITLE OF SIGNER (Type or print)	document felt			NAME AND TITLE OF CONTRACTING OFF		
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				Ra	yna Brown		
15B. CONTR	ACTOR/OFFEROR		15C. DATE SIGNED	168	. UNITED STATES OF AMERICA		16C. DATE SIGNED
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	(Signature of person authorized to sign)	·	1	-	(Signature of Contracting Officer)		03/10/2013
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TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
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	TOPO: Rita Chow Max Expire Date: 08/31/2013 LIST OF CHANGES:	1			
	Reason for Modification : Other Administrative		1 1		
	Action				
	Contracting Officer Representative changed from				
	Paul Cassidy to Rita Chow		1 1		
	TOGOD (Total Control of the Control				
	TOCOR (Task Order Contracting Officer's Representative) changed to : Rita Chow				
	Representative, changed to . Rica onow				
	Alternate COR/Project Officer changed to : Paul	1	1 1		
	Cassidy	ŀ			
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SRRPOD		-		•		
US Environmental Protection						
Superfund/RCRA Regional Prod	curement			•		
Operations						
1200 Pennsylvania Ave, NW						
Washington DC 20460 8. NAME AND ADDRESS OF CONTRACTOR (No., stree	et county State and	IP Code)	, I9A	AMENDMENT OF SOLICITATION NO.		
6. NAME AND ADDITION OF CONTINUE, MAKE	n, courry, claic and a	5555)	x) ^{9A.}			
ICF INCORPORATED, L.L.C.			\perp			
9300 LEE HIGHWAY			9B.	DATED (SEE ITEM 11)		
FAIRFAX VA 220316050						
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CODE 072648579	FACILITY COD		- 1	4/13/2011		
	11. THIS ITE	MONLY APPLIES TO AN	MENDN	MENTS OF SOLICITATIONS		
☐ The above numbered solicitation is amended as set	forth in Item 14. Ti	ne hour and date specifie	d for re			is not extended.
Offers must acknowledge receipt of this amendment	prior to the hour as	nd date specified in the so	olicitati	on or as amended, by one of the following met	hods: (a)) By completing
Items 8 and 15, and returning a	opies of the amend	ment; (b) By acknowledg	ging rec	ceipt of this amendment on each copy of the off	er subm	itted; or (c) By
separate letter or telegram which includes a reference	e to the solicitation	and amendment number	rs. FA	LURE OF YOUR ACKNOWLEDGEMENT TO	BE REC	SEIVED AT
THE PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an off	OFFERS PRIOR	TO THE HOUR AND DA	made l	ECIFIED MAY RESULT IN REJECTION OF TO by telegram or letter, provided each telegram o	r letter m	nakes reference
to the solicitation and this amendment, and is receive				by tologically or tollor, provided dealth language		
12. ACCOUNTING AND APPROPRIATION DATA (If re	equired)	Net	Inc	rease: \$3	30,72	27.00
See Schedule						·
13. THIS ITEM ONLY APPLIES TO	MODIFICATION O	CONTRACTS/ORDERS	s. IT M	ODIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBE	D IN ITEM 14.
A. THIS CHANGE ORDER IS ISSUED	PURSUANT TO:	Specify authority) THE (CHANC	GES SET FORTH IN ITEM 14 ARE MADE IN T	HE CON	NTRACT
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B. THE ABOVE NUMBERED CONTRA	CT/ORDER IS MO	DIFIED TO REFLECT T	HE AD	MINISTRATIVE CHANGES (such as changes (OF FAR 43.103(b).	in payin	g office,
applophation date, etc., SETT SIX		NOOPULT TO INC.				
C. THIS SUPPLEMENTAL AGREEME	NT IS ENTERED I	NTO PURSUANT TO AU	JTHOR	ITY OF:		
X By Mutual Agreement	of Partie	es				
D. OTHER (Specify type of modification	n and authority)					
E. IMPORTANT: Contractor is not.	IX is required to	sign this document and	return	1 copies to the issuin	g office.	-
14. DESCRIPTION OF AMENDMENT/MODIFICATION						<u> </u>
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Task Order Title: Safe and	Cueted nebi	la Dagualing	٥f	Industrial Materials To	chni	cal and
	Sustainab.	re Recycling	OI	industrial Materials re	CIIII	car and
Program Support						
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•						
(1) Incorporate the revised	statemen	t of work (SC	(WC	dated May 29, 2013 (Att	achm	ent A, 2
pages);				_		
(2) To approve the Contract	orts prop	osal dated Ma	217 3	21 2013, in the amount	of S	30.727.00
		osai dated Ma	ау Ј	i, 2015, in the amount	O± 4	307727.00
based on the revised SOW he						
(3) To extend the period of	performa	nce;				
Continued						
Except as provided herein, all terms and conditions of	the document refe	renced in Item 9A or 10A				
15A. NAME AND TITLE OF SIGNER (Type or print)			16A.	NAME AND TITLE OF CONTRACTING OFF	ICER (T	ype or print)
			Ra	yna Brown		
15D CONTRACTOR/OFFEROR	·	15C. DATE SIGNED		. UNITED STATES OF AMERICA		16C. DATE SIGNED
15B. CONTRACTOR/OFFEROR		,50. D. 112 016112D	133			
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(Signature of person authorized to sign)	<u> </u>	L		(Signature of Contracting Officer)	TANDA	PD FORM 20 (PEV 10-83)

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EM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	(4) To modify the obligation/funding ceiling; and(5) To modify the total task order ceiling price.				
	The period of performance end date is hereby changed to December 31, 2013 in consideration to the Contractor for the Government caused delays associated with sequestration activities.				
	The obligated ceiling is herby incrased by \$30,727.00, from \$367,342.00 to \$398,069.00, which the Contractor is not authorized to exceed. The Contractor exceeds this amount at its own risk. This task Order is hereby fully funded.				
	The total task order ceiling price is hereby changed from \$367,342.00 to \$398,069.00.				
	This task order is for non-severable services.				
	All other terms and conditions remain unchanged and in full force and effect. TOPO: Rita Chow Max Expire Date: 12/31/2013 LIST OF CHANGES: Reason for Modification: Supplemental Agreement for work within scope				
	Period Of Performance End Date changed from 2013-08-31 to 2013-12-31		i i		
	New Total Amount for this Award: \$398,069.00 Obligated Amount for this Modification: \$30,727.00				
	CHANGES FOR LINE ITEM NUMBER: 1 Total Amount changed from \$367,342.00 to \$398,069.00 Obligated Amount for this modification: \$30,727.00 Incremental Funded Amount changed from \$328,102.99 to \$358,829.99	0			
	CHANGES FOR ACCOUNTING CODE: 11-12-B-31M-301DA1C-25851131MRP012-001 Account code changed from 11-12-B-31M-301DA1C-2585-1131MRP012-001 to 11-12-B-31M-301DA1C-25851131MRP012-001 Percent changed from 27.22259 to 25.12127				
	NEW ACCOUNTING CODE ADDED: Account code: 12-13-B-31M-302DA1-25851331MRP004-001 Beginning FiscalYear 12 Continued				
	•				

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 OF

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TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
-	Ending Fiscal Year 13		П		
	Fund (Appropriation) B				
	Budget Organization 31M		1 1		
	Program (PRC) 302DA1		ll		
	Budget (BOC) 2585	İ	ΙI		
	Job # (Site/Project)		1 1		
	Cost Organization				
	DCN-LineID 1331MRP004-001				
	Quantity: 0		1 1		
	Amount: \$30,727.00]			
	Percent: 7.71901		1 1		
	Subject To Funding: N		1 1		
	bubleet to runding. It	ŀ			
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency		1 1		
	RTP-Finance Center (D143-02)		1 1		
•	109 TW Alexander Drive		1 1		
	Durham NC 27711		1 1		
	Period of Performance: 04/13/2011 to 12/31/2013				
	Change Item 0001 to read as follows(amount shown				•
	is the total amount):				
	To the cotal amount,				
001	Task Order Ceiling Amount				398,069
	Requisition No: PR-OSWER-11-00296,				
	PR-OSWER-11-00571, PR-OSWER-12-00268,	1	1		
	PR-OSWER-12-003/1, PR OSWER 12 00200, PR-OSWER-12-00449, PR-OSWER-13-00150	}			
	Accounting Info: 11-12-B-31M-301DA1C-25851131MRP012-001 BFY: 11		i		
	EFY: 12 Fund: B Budget Org: 31M Program (PRC):		1		
	301DA1C Budget (BOC): 2585 DCN - Line ID:		1		·
	1131MRP012-001	1	1		
	Funding Flag: Partial		1		
	Funded: \$0.00			1	
	Accounting Info: 10-11-B-31M-301DA1C-2585-1031MRP515-001 BFY: 10				
		1			
	EFY: 11 Fund: B Budget Org: 31M Program (PRC):		1]	
	301DA1C Budget (BOC): 2585 DCN - Line ID:				
	1031MRP515-001		1		
	Funding Flag: Partial				
	Funded: \$0.00				
	Accounting Info:	1	1	1	
	11-12-B-31M-301DA1C-2585-1131MRP021-001 BFY: 11	1		1	
	EFY: 12 Fund: B Budget Org: 31M Program (PRC):		1		
	301DA1C Budget (BOC): 2585 DCN - Line ID:			}	1
	Continued	1			
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EM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	1131MRP021-001				
	Funding Flag: Partial		ļ		
	Funded: \$0.00		1 1		
	Accounting Info:		1 1		
	12-13-B-31M-302DA1-2585-1231MRP009-001 BFY: 12				
	EFY: 13 Fund: B Budget Org: 31M Program (PRC):		1		
	302DA1 Budget (BOC): 2585 DCN - Line ID:	İ			
	1231MRP009-001		li	ļ	
	Funding Flag: Partial		1 1		
	Funded: \$0.00 Accounting Info:			1	
	12-13-B-31M-302DA1-2585-1231MRP022-001 BFY: 12				
	EFY: 13 Fund: B Budget Org: 31M Program (PRC):		1 1		
	302DA1 Budget (BOC): 2585 DCN - Line ID:		1 1		
	1231MRP022-001		1 1		
	Funding Flag: Partial				
	Funded: \$0.00				
	Accounting Info:				
	12-13-B-31M-302DA1-25851331MRP004-001 BFY: 12				
	EFY: 13 Fund: B Budget Org: 31M Program (PRC):				
	302DA1 Budget (BOC): 2585 DCN - Line ID:				
	1331MRP004-001	1			
	Funding Flag: Partial		1 1		
	Funded: \$30,727.00	1	1 1		
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ATTACHMENT A

Amendment #6 to Task Order Statement of Work Safe and Sustainable Recycling of Industrial Materials Technical & Program Support May 29, 2013

Purpose

The purpose of this action is to amend the *Safe and Sustainable Recycling of Industrial Materials Technical and Program Support* statement of work of Task Order No. 33 under contract No. EP-W-10-056. This Order must be issued on a sole-source basis in the interest of economy and efficiency because it is a logical follow-on to an order already issued under the contract, and all awardees were given a fair opportunity to be considered under the original Order.

Since the Agency continues to fully develop the research approach for the safety assessment of industrial non-hazardous materials, the scope of work is being modified to incorporate needed changes. The Agency is amending the tasks in this Task order Statement of Work (SOW) to modify Task #1 to include an additional beneficial use safety report on oil and gas wastes.

SCOPE OF WORK

The work to be completed in the original TOSOW is amended below. The contractor will continue to work on Task 1 and Task 5 as amended.

TASK 1 Beneficial Use Safety Reports

Under this task, the contractor shall continue to support the safety literature reviews for coal combustion residuals, C&D materials, iron and steel slag and pulp and paper residuals. The contractor, under this amendment, shall develop a safety report for oil and gas wastes. The contractor shall focus on the beneficial use /reuse of the solid waste components vs. the liquid fraction of the waste materials. The contractor shall perform literature searches identifying beneficial uses of the solid materials, as well as, evaluating the safety of these beneficial uses by evaluating the potential toxics that are associated with the oil and gas solid waste materials. The contractor will need to develop an initial draft report containing this information, as well as, a second draft and a final Draft, according to the schedule below.

DELIVERABLES	DUE DATES
Initial draft of Oil and Gas report	July 8, 2013
Second Draft of Oil and Gas report	Within 3 weeks of approval of the amendment modification
Final draft of Oil and gas report	Within 2 weeks of receiving EPA's comments on the second draft.

Task 2 Review of Other Countries' Beneficial Use programs.

No changes to this task as task has been completed.

Task 3 Industrial Materials Recycling Website Update.

No changes to this task as task has been completed.

Task 4. Scrap Tires Website Update.

No changes as the Agency continues to no longer need work under this task.

Task 5 General IMR Project Support

Under this task, the Agency is narrowing the number of publications the contractor will update to no more than 3 publications. As described in the original task order, the Contractor may be required to provide support in communicating to key stakeholders about EPA's re-focus on the safety aspects of beneficial use and the role the Agency is under taking in this area.

AMENDME	NT OF SOLICITATION/MODIFIC	ATION OF C	ONTRACT		1. CONTRACT ID CODE	PA	AGE OF PAGES 1 7
2. AMENDME	NT/MODIFICATION NO.	3. EFFECTIVE	DATE	4. F	EQUISITION/PURCHASE REQ. NO.	5. PROJ	IECT NO. (If applicable)
011		11/06/20	13	PR	-OSWER-13-00523	,	
6. ISSUED BY	CODE	SRRPOD		7.	ADMINISTERED BY (If other than Item 6)	CODE	
Superfu Operation 1200 Pe	ronmental Protection nd/RCRA Regional Proc ons nnsylvania Ave, NW ton DC 20460					'	
	ADDRESS OF CONTRACTOR (No., street	, county, State and	ZIP Code)	/w\	9A. AMENDMENT OF SOLICITATION NO.		
ICF INCO	ORPORATED, L.L.C. HIGHWAY VA 220316050	, 60.11/j, 60.10	·		9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER N EP-W-10-056 0033 10B. DATED (SEE ITEM 13)	o.	
CODE 07	2648579	FACILITY COL)E		04/13/2011		
		11. THIS ITE	M ONLY APPLIES TO A	MEN	IDMENTS OF SOLICITATIONS		
THE PLACE virtue of this to the solicit	E DESIGNATED FOR THE RECEIPT OF (s amendment you desire to change an offe lation and this amendment, and is received FING AND APPROPRIATION DATA (If req edule	OFFERS PRIOR or already submitted prior to the open puired)	TO THE HOUR AND DA ed, such change may be ning hour and date speci Ne t	ATE ma ified. I		OUR OFFI r letter ma	ER. If by akes reference
CHECK ONE					ANGES SET FORTH IN ITEM 14 ARE MADE IN T ADMINISTRATIVE CHANGES (such as changes ITY OF FAR 43.103(b).		
x	C. THIS SUPPLEMENTAL AGREEMEN	TISENTERED of Parti	NTO PURSUANT TO A	υтн			
E. IMPORTAN	T: Contractor 🔲 is not,	X is required t	o sign this document and	l reti	um 1 copies to the issuin	a office.	
14. DESCRIP DUNS Nur Task Ord	TION OF AMENDMENT/MODIFICATION mber: 072648579	(Organized by U	CF section headings, inc	cludi	ng solicitation/contract subject matter where feasi	ble.)	cal and
	pose of this bilatera						
(2) to (3) to (3)	approve the Contracto 00 in consideration f extend the end date o ration for the stop-w	r's prop or the r f the pe	oosal dated a evised SOW he riod of perf	Sej er ori	mance to January 13, 2014	amour	
	ovided herein, all terms and conditions of the ND TITLE OF SIGNER (Type or print)	ne document refe	renced in Item 9A or 10A	_	heretofore changed, remains unchanged and in fi 6A. NAME AND TITLE OF CONTRACTING OFFI		
				F	ayna Brown		
15B. CONTR	ACTOR/OFFEROR		15C. DATE SIGNED	1	6B. UNITED STATES OF AMERICA		16C. DATE SIGNED
	(Signature of person authorized to sign)		<u> </u>		(Signature of Contracting Officer)		

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
 PAGE
 OF

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ITEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	(4) to obligate funds in the amount of \$9,813.00;(5) to modify the total obligation/funding				
	ceiling; (6) to modify the total task order ceiling price; (7) to approve the Contractor's request to add				
	the Program Analyst 1 labor category from the base contract; and				
	(8) to clarify the circumstances of the stop-work order.				
	On October 31, 2013, the Contractor requested an equitable adjustment (REA) pursuant to its rights				
	under the FAR 52.242-15 Stop-Work Order (Aug 1989) clause. Schedule delays resulted from the Stop-Work Order dated and issued via an emailed	:			
	letter to the Contractor on October 1, 2013, which was cancelled via an emailed letter on October 17, 2013.		:		
	The obligated ceiling is hereby increased by \$9,813.00, from \$398,069.00 to \$407,882.00, which the Contractor is not authorized to exceed. The Contractor exceeds this amount at its own risk. This task order is hereby fully funded.			·	
	The total task order ceiling price is hereby changed from \$398,069.00 to \$407,882.00.				·
	As per the Contractor's proposal, the addition of the Program Analyst I labor category at a discounted rate (exclusive to this order) has no impact on the task order price.			·	
	In consideration, this modification agreed to herein is a complete equitable adjustment. The Contractor hereby releases the Government from any and all liability under this contract for				
	further equitable adjustments attributable to such facts or circumstances giving rise to the proposal/request for adjustment.				
	This task order is for non-severable services.				
	All other terms and conditions remains unchanged and in full force and effect. TOPO: Rita Chow Max Expire Date: 01/13/2014		ļ		-
	LIST OF CHANGES: Reason for Modification: Supplemental Agreement for work within scope				
	Continued				
		1	1		

 CONTINUATION SHEET
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 PAGE EP-W-10-056/0033/011
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TEM NO.	SUPPLIES/SERVICES	QUANTITY	1 1	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	David Of Davidson and Data shaped from				
	Period Of Performance End Date changed from 2013-12-31 to 2014-01-13				
	Total Amount for this Modification: \$9,813.00		1 1		
	New Total Amount for this Version: \$407,882.00	1			
			1 1	ł	
	New Total Amount for this Award: \$407,882.00		1 1		
	Obligated Amount for this Modification: \$9,813.00		1 1		
	New Total Obligated Amount for this Award:				
	\$407,882.00		i i		
	Incremental Funded Amount changed: from				
	\$398,069.00 to \$407,882.00				
	Maximum Potential Expiration Date changed to :	ŀ			
	01/13/2014				
	CHANGES FOR LINE ITEM NUMBER: 1				
	Total Amount changed from \$398,069.00 to		i i		
	\$407,882.00		1		
	Obligated Amount for this modification: \$9,813.00		1 1		
	Incremental Funded Amount changed from				
	\$398,069.00 to \$407,882.00			İ	
	CHANGES FOR DELIVERY LOCATION: HPOD		1		
	Amount changed from \$398,069.00 to \$407,882.00				
	CULTURE TOP ACCOUNTING CODE.				
	CHANGES FOR ACCOUNTING CODE:		1 1		
	11-12-B-31M-301DA1C-25851131MRP012-001		1 1		
	Percent changed from 25.12127 to 24.51689				
	CHANGES FOR ACCOUNTING CODE:	-			
	12-13-B-31M-302DA1-25851331MRP004-001	ļ	1 1		
	Percent changed from 7.71901 to 7.53331				
	NEW ACCOUNTING CODE ADDED:		1 1		
	Account code:	1			
	13-14-B-31M-302DA1-25851331MRP013-001		1		
	Beginning FiscalYear 13	1			
	Ending Fiscal Year 14	1	1 1		
	Fund (Appropriation) B	1			•
	Budget Organization 31M				
	Program (PRC) 302DA1				
	Budget (BOC) 2585	1			
	Job # (Site/Project)	1			
	Cost Organization	ì			
	DCN-LineID 1331MRP013-001				
	Quantity: 0				
	Amount: \$9,813.00				
	Percent: 2.40584				
i i	Subject To Funding: N		1 1	[
	Continued				
	·				
			1 1		

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CONTINUATION SHEET	EP-W-10-056/0033/011	4	7

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	1 1	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Period of Performance: 04/13/2011 to 01/13/2014				•
	Change Item 0001 to read as follows(amount shown				
	is the total amount):	1			
		1	1 1		
					407 000 (
0001	Task Order Ceiling Amount				407,882.0
	Accounting Info:		1 1		
	11-12-B-31M-301DA1C-25851131MRP012-001 BFY: 11		1 1]	
	EFY: 12 Fund: B Budget Org: 31M Program (PRC):				
	301DA1C Budget (BOC): 2585 DCN - Line ID:		1 1		
	1131MRP012-001 Funding Flag: Partial		1		
	Funded: \$0.00			İ	
	Accounting Info:		1 1		
	10-11-B-31M-301DA1C-2585-1031MRP515-001 BFY: 10				
	EFY: 11 Fund: B Budget Org: 31M Program (PRC):				
	301DA1C Budget (BOC): 2585 DCN - Line ID:		1 1		
	1031MRP515-001 Funding Flag: Partial		1 1		
	Funded: \$0.00		1 1		
	Accounting Info:	}	1 1		
	11-12-B-31M-301DA1C-2585-1131MRP021-001 BFY: 11				
	EFY: 12 Fund: B Budget Org: 31M Program (PRC):				
	301DA1C Budget (BOC): 2585 DCN - Line ID: 1131MRP021-001		1 1		
	Funding Flag: Partial		1 1		
	Funded: \$0.00				
	Accounting Info:		1 1	1	
	12-13-B-31M-302DA1-2585-1231MRP009-001 BFY: 12	İ			
	EFY: 13 Fund: B Budget Org: 31M Program (PRC): 302DA1 Budget (BOC): 2585 DCN - Line ID:	İ	1 1		
•	1231MRP009-001		1 1		
	Funding Flag: Partial				
	Funded: \$0.00	1			
	Accounting Info: 12-13-B-31M-302DA1-2585-1231MRP022-001 BFY: 12		1 1		
	EFY: 13 Fund: B Budget Org: 31M Program (PRC):		1 1		
	302DA1 Budget (BOC): 2585 DCN - Line ID:		1 1	· .	
	1231MRP022-001		1		
	Funding Flag: Partial	1	1 1		
	Funded: \$0.00		1 1	1	
	Accounting Info: 12-13-B-31M-302DA1-25851331MRP004-001 BFY: 12	1	1 1		
	EFY: 13 Fund: B Budget Org: 31M Program (PRC):		1 1		
	302DA1 Budget (BOC): 2585 DCN - Line ID:		1 1		
	1331MRP004-001				
	Funding Flag: Partial	1		ļ	
	Continued				
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M NO. A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Funded: \$0.00 Accounting Info: 13-14-B-31M-302DA1-25851331MRP013-001 BFY: 13 EFY: 14 Fund: B Budget Org: 31M Program (PRC): 302DA1 Budget (BOC): 2585 DCN - Line ID: 1331MRP013-001 Funding Flag: Partial Funded: \$9,813.00				
	·				

Amendment #7 to Task Order Statement of Work Safe and Sustainable Recycling of Industrial Materials Technical & Program Support September 13, 2013

PURPOSE

The purpose of this action is to amend the *Safe and Sustainable Recycling of Industrial Materials*Technical and Program Support statement of work of Task Order EPG11S00033 under contract number EP-W-10-056.

Since the Agency continues to fully develop the research approach for the safety assessment of industrial non-hazardous materials, the scope of work is being modified to incorporate needed changes. The Agency is amending the Task 1 in this Task Order Statement of Work (TOSOW) to include additional research needed to address the Agency's comments on the draft Beneficial Use Safety Information report for scrap tires; in addition, Task 5 is being removed because the Agency does not have its safety research completed to update the guidance documents.

SCOPE OF WORK

The work to be completed in the original TOSOW of work is amended below. The contractor will continue to work on Task 1 as amended.

Task 1 Beneficial Use Safety Information Reports

Under this task, the contractor shall continue to support the safety literature reviews for coal combustion residuals, construction and demolition (C&D) materials, scrap tires, iron and steel slag, pulp and paper residuals, and oil and gas wastes. For the scrap tire report, the contractor shall address the Agency's comments on the second draft of the scrap tire safety report. The contractor may need to conduct additional research to address the Agency's comments. The contractor shall submit a third draft of the report addressing the Agency comments prior to submitting a final draft report, according to the schedule below. The contractor shall use the scrap tires safety report as the model for the safety reports for the other industrial materials. As with the draft reports for scrap tires, the contractor shall anticipate conducting additional research to address the Agency's comments on the draft reports for the other materials.

DELIVERABLES	<u>DUE DATE</u>
Second draft Scrap Tires Report	June 27, 2013 (Complete)
Third draft Scrap Tires Report	Within three (3) weeks of receiving EPA's comments on second draft.
Final draft Scrap Tires Report	Within two (2) weeks of receiving EPA's comments on third draft.

The previous amendment issued in May 2013 requested the contractor to develop a safety report for oil and gas wastes. The contractor shall continue to develop the oil and gas wastes safety report and focus on the beneficial use/reuse of the solid waste components versus the liquid fraction of the waste materials. The contractor shall continue to perform literature searches identifying beneficial uses of the solid materials, as well as evaluating the safety of these beneficial uses by evaluating the potential toxics that are associated with the oil and gas solid waste materials. The contractor as stated in the previous

amendment will need to develop an initial draft report containing this information, as well as a second draft and a final draft according to the schedule below.

DELIVERABLES	DUE DATES
Initial draft of Oil and Gas report	July 8, 2013
Second Draft of Oil and Gas Report	Within 3 weeks of approval of amendment modification
Final draft of Oil and Gas report	Within 2 weeks of receiving EPA's comments on the second draft

Task 2 Review of Other Countries' Beneficial Use Programs

No changes to this task as this task has been completed.

Task 3 Industrial Materials Recycling Website Update

No changes to this task as this task has been completed.

Task 4 Scrap Tires Website Update

No changes. The Agency continues to no longer need work under this task.

Task 5 General IMR Program Support

The Agency no longer needs work under this task. The contractor is not to expend any more hours or dollars to this task.

Period of Performance

This revision to the statement of work extends the period of performance until January 13, 2014.

AMENDM	ENT OF SOLICITATION/MODIFIC	ATION OF CONTRACT		1. CONTRACT ID CODE	PAGE	OF PAGES			
2. AMENDME	ENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. RE	UISITION/PURCHASE REQ. NO.	I5. PROJECT	NO. (If applicable)			
012	•	See Block 16C				,			
6. ISSUED B	Y CODE	SRRPOD	7. AD	MINISTERED BY (If other than Item 6)	CODE				
Superfu Operati 1200 Pe	ennsylvania Ave, NW	Agency							
	gton DC 20460								
ICF INC	DADDRESS OF CONTRACTOR (No., street ORPORATED, L.L.C. E HIGHWAY VA 220316050	t, county, State end ZIP Code)	(x) 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) x 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-10-056 0033						
CODE 0.	72648579	FACILITY CODE	\neg	4/13/2011					
		11. THIS ITEM ONLY APPLIES 1		-,,	<u></u>				
separate le THE PLAC virtue of the to the solice	etter or telegram which includes a reference DE DESIGNATED FOR THE RECEIPT OF is amendment you desire to change an offe itation and this amendment, and is receive ITING AND APPROPRIATION DATA (If re- nedule	to the solicitation and amendment no OFFERS PRIOR TO THE HOUR ANI er already submitted, such change ma d prior to the opening hour and date s quired)	umbers. FA D DATE SP ay be made specified.	ceipt of this amendment on each copy of the NLURE OF YOUR ACKNOWLEDGEMENT T ECIFIED MAY RESULT IN REJECTION OF by telegram or letter, provided each telegram	O BE RECEIVEI YOUR OFFER. or letter makes	O AT If by reference			
CHECK ONE	FAR 52.243-3 Changes	sTime-and-Materia CT/ORDER IS MODIFIED TO REFLE H IN ITEM 14, PURSUANT TO THE A	1s or CT THE AI AUTHORIT	GES SET FORTH IN ITEM 14 ARE MADE IN Labor Hours (SEP 2000) MINISTRATIVE CHANGES (such as change of FAR 43.103(b).					
х	By Mutual Agreement	•	O AUTHOR	arr or.					
	D. OTHER (Specify type of modification								
E. IMPORTAL	NT: Contractor is not.	x is required to sign this document	t and return	1copies to the issu	ing office.	······································			
14. DESCRIF DUNS Nu Task Or	PTION OF AMENDMENT/MODIFICATION imber: 072648579	(Organized by UCF section headings	s, including	solicitation/contract subject matter where fea	sible.)	and			
The pur	tita Chow Max Expire D pose of this bilatera and the period of perf	l no-cost modifica							
additic Continu	onal cost to the Gover ned	nment. This extens	ion is	by extended until Marc consideration for Gov retofore changed, remains unchanged and in	ernment	caused			
15A. NAME	AND TITLE OF SIGNER (Type or print)			NAME AND TITLE OF CONTRACTING OF YNA Brown	FICER (Type or	print)			
15B. CONTR	ACTOR/OFFEROR	15C. DATE SIGNE	D 16B.	UNITED STATES OF AMERICA	 	16C. DATE SIGNED			
	(Signature of person authorized to sign)			(Signature of Contracting Officer)					

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
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 OF

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ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
-	delays and impact to performance.		,	/	\- /
	Contractor's Statement of Release:				
	In consideration of the modification agreed to herein as complete equitable adjustments for the Contractor's December 24, 2013, email response which serves as a "proposal for adjustment," the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such afacts or circumstances giving rise to the "proposal for adjustment." This task order is for non-severable services.				
	Alll other terms and conditions remain unchanged. LIST OF CHANGES: Reason for Modification: Supplemental Agreement for work within scope Period Of Performance End Date changed from 2014-01-13 to 2014-03-07 Total Amount for this Modification: \$0.00 New Total Amount for this Version: \$0.00 New Total Amount for this Award: \$407,882.00 Maximum Potential Expiration Date changed to: 03/07/2014 Period of Performance: 04/13/2011 to 03/07/2014				
	•				

AMENDME	NT OF SOLICITATION/MODIFIC	CATION OF CO	NTRACT		1. CONTRACT ID CODE		PAGE O	- PAGES
2. AMENDMEN	T/MODIFICATION NO.	3. EFFECTIVE I	DATE	4. REC	UISITION/PURCHASE REQ. NO.	5. P). (If applicable)
013		03/06/20	14					
6. ISSUED BY	CODE			7. AD	MINISTERED BY (If other than Item 6)	COL	DE	
SRRÞOD	•							
	ronmental Protection	Agency						
	nd/RCRA Regional Pro							
Operatio	ons							
	nnsylvania Ave, NW							
	ton DC 20460			los	AMENDMENT OF SOLICITATION NO			
8. NAME AND	ADDRESS OF CONTRACTOR (No., street	et, county, State and I	ZIP Code)	(x) 9A	AMENDMENT OF SOLICITATION NO.			
CF INCO	RPORATED, L.L.C.							
	HIGHWAY			98	DATED (SEE ITEM 11)			
FAIRFAX	VA 220316050							
				10	A. MODIFICATION OF CONTRACT/ORDEF	R NO.		
					P-W-10-056			
				0	033			
				10	B. DATED (SEE ITEM 13)			
CODE 07	2648579	FACILITY COD	E	0	4/13/2011	•		
		11. THIS ITE	M ONLY APPLIES TO A	MEND	MENTS OF SOLICITATIONS			
The above	numbered solicitation is amended as set					xtended	. ☐is not	extended.
Offers must	acknowledge receipt of this amendment	prior to the hour a	nd date specified in the	solicitat	ion or as amended, by one of the following n	nethods	: (a) By comp	pleting
Items 8 and	15, and returning c	opies of the amend	lment; (b) By acknowled	lging re	ceipt of this amendment on each copy of the	e offer su	ıbmitted; or (c) By
separate let	ter or telegram which includes a reference	to the solicitation	and amendment numb	ers. F/	ILURE OF YOUR ACKNOWLEDGEMENT ECIFIED MAY RESULT IN REJECTION OF	TO BE F	OFFER. If b	را ادا
virtue of this	s amendment you desire to change an of	fer already submitt	ed, such change may be	made	by telegram or letter, provided each telegran	n or lett	er makes ref	erence
to the solicit	tation and this amendment, and is receive	ed prior to the oper	ning hour and date spec	ified.				
12. ACCOUNT	TING AND APPROPRIATION DATA (If n	equired)						
See Sch								
	13. THIS ITEM ONLY APPLIES TO	MODIFICATION O	F CONTRACTS/ORDER	S. IT N	ODIFIES THE CONTRACT/ORDER NO. AS	DESCR	IRED IN HE	и 14.
CHECK ONE			(Consider or thought of THE	CHAN	GES SET FORTH IN ITEM 14 ARE MADE II	N THE (CONTRACT	
X								
					s (SEP 2000) (definitized c			
	B. THE ABOVE NUMBERED CONTR. appropriation date, etc.) SET FOR	ACT/ORDER IS MI TH IN ITEM 14, PU	IRSUANT TO THE AUT	HORIT	DMINISTRATIVE CHANGES (such as chang Y OF FAR 43.103(b).	jes ili pe	aying omco,	
	•							
	C. THIS SUPPLEMENTAL AGREEME			UTHO	RITY OF:			
X	By Mutual Agreement		es					
	D. OTHER (Specify type of modification	on and authority)						
E. IMPORTAN	IT: Contractor 🔲 is not.	x is required t	o sign this document an	d return	1 copies to the iss	uing off	ice.	
		N (Organized by U	CF section headings, in	cluding	solicitation/contract subject matter where fe	asible.)		
DUNS Nu								
		Sustainab	le Recycling	of	Industrial Materials	Tech	nical a	and
	Support							
rrogram	buppore							
mono- r	ita Chow Max Expire	Date 03/	28/2014					
TOPO: R	Tra Chow Max Expire	bale: 03/	l modificati	02	is for the following:			
The pur	pose or this no-cost	priacera	1 modificati	.011 .	is for the following:			
		_	ب د د د م	1	(ass b-low)			
1) To e	xtend the period of	performan	ce of this t	.ask	order (see perom)			
				_				
This ex	tension is in consid	leration f	or excusable	de.	lays.			
Continu								
		f the document refe	erenced in Item 9A or 10	A, as h	eretofore changed, remains unchanged and	in full fo	orce and effe	ct.
	AND TITLE OF SIGNER (Type or print)			16/	NAME AND TITLE OF CONTRACTING C	FFICEF	R (Type or pr	int)
			•	R=	yna Brown			
			Les size sizes		Jua Dromi			16C. DATE SIGNED
15B. CONTR	RACTOR/OFFEROR		15C. DATE SIGNED	10				100. DATE GIGINED
								03/20/2014
	(Signature of person authorized to sign)		<u> </u>	<u> </u>				
NSN 7540-0	1-152-8070					STAN	IDARD FOR	M 30 (REV. 10-83)

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ITEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Contractor's Statement of Release:				
	The second description agreed to				
	In consideration of the modification agreed to herein as a complete equitable adjustment for the				
	Contractor's March 6, 2014 email proposal which		1 1	}	
			1 1		
	serves as a "proposal for adjustment," the				
	Contractor hereby releases the Government from		l		
	any and all liability under this contract for				
	further equitable adjustments attributable to		1 1		
	such facts or circumstances giving rise to the				
•	"proposal for adjustment."				
	This is a non-severable task order.				
				·	
	All other terms and conditions remain unchanged.				
	LIST OF CHANGES:				
	Reason for Modification : Supplemental Agreement	1	1		
	for work within scope Period Of Performance End Date changed from				
	2014-03-07 to 2014-03-28 Maximum Potential		1		
	Expiration Date changed to: 03/28/2014	1			
	Period of Performance: 04/13/2011 to 03/28/2014				
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AMENDATA	NT OF SOLICITATION/MODIFIC	ATION OF COL	ITPACT	1. CONTRACT ID CODE	PAGE OF PAGES
					1 2
2. AMENDMEN	T/MODIFICATION NO.	3. EFFECTIVE D	ATE 4.	REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
014		See Block			2005
6. ISSUED BY	CODE	SRRPOD		'. ADMINISTERED BY (If other than Item 6)	CODE
Superfun Operatio 1200 Pen	ronmental Protection nd/RCRA Regional Proc ons nnsylvania Ave, NW con DC 20460				
	ADDRESS OF CONTRACTOR (No., stree	et, county, State and Zin	P Code)	9A. AMENDMENT OF SOLICITATION NO.	
ICF INCO	RPORATED, L.L.C. HIGHWAY VA 220316050	.,,	(<u>x</u>	9B. DATED (SEE ITEM 11)	IER NO.
				10B. DATED (SEE ITEM 13)	
CODE 07	2648579	FACILITY CODE		04/13/2011	
	2040373	11 THIS ITEM	LONLY APPLIES TO AM	ENDMENTS OF SOLICITATIONS	
	umbered solicitation is amended as set				s extended. is not extended.
	A. THIS CHANGE ORDER IS ISSUED ORDER NO. IN ITEM 10A.	quired) MODIFICATION OF PURSUANT TO: (S	Net CONTRACTS/ORDERS. Specify authority) THE C	THE ADMINISTRATIVE CHANGES (such as chargery of FAR 43.103(b).	E IN THE CONTRACT
	C. THIS SUPPLEMENTAL AGREEME D. OTHER (Specify type of modification)		TO PURSUANT TO AUT	HORITY OF:	
x	FAR 52.232-22 Limit		unds (APR 19	984)	
E. IMPORTANT			sign this document and a	1	issuing office.
14. DESCRIPT DUNS Num Task Ord Program TOCOR: F The purp this Tas	TION OF AMENDMENT/MODIFICATION mber: 072648579 der Title: Safe and Support Rita Chow Max Expire pose of this modific sk Order. The new to	Sustainabl Date: 03/ ation is t	F section headings, include Recycling 28/2014 o de-obligat of funding	of Industrial Materials e funding in the amount obligated is now \$406,6	Technical and of \$1,222.46 from 559.54. All services
	en rendered and all er required.	invoices h	ave been pai	d under this Task Order	. These runds are
Continue				ne harolofore changed remains unchanged	and in full force and effect.
	ovided herein, all terms and conditions of ND TITLE OF SIGNER (Type or print)	rine document refer	enced in Item 9 A or 10A	as heretofore changed, remains unchanged a 16A. NAME AND TITLE OF CONTRACTING	GOFFICER (Type or print)
				Mark Heare	
	ACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
15B. CONTR					

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ITEM NO.	SUPPLIES/SERVICES	QUANTITY	1 1	UNIT PRICE	AMOUNT (E)
(A)	(B)	(C)	(D)	(E)	(F)
	Reason for Modification : Funding Only Action				
	Total Amount for this Modification: \$0.00		1 1		
	Obligated Amount for this Modification: -\$1,222.46				
	Incremental Funded Amount changed from		i i		
	\$407,882.00 to \$406,659.54		1 1		
	CHANGES FOR ACCOUNTING CODE:		1 1		
	13-14-B-31M-302DA1-25851331MRP013-001				
	Amount changed from \$9,813.00 to \$8,590.54		1		
			1 1		
	Delivery Location Code: HPOD				
	HPOD	}	1 1		
	US Environmental Protection Agency		1 1		
	Headquarters Procurement Operations				
	Ariel Rios Building	1			
	1200 Pennsylvania Avenue, NW				
	Washington DC 20460 USA				
				ĺ	
	Period of Performance: 04/13/2011 to 03/28/2014				
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